

광통신용 고분자 소재

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이번 호에는 지금까지 연재된 **광기록 및 저장용 광학고분자 재료**, **광도파로용 광학고분자재료**, **비선형 광학 재료**, **광섬유용 광학고분자재료**에 관한 주요 출원인별 최신 특허보유현황에 관한 자료입니다.

1. 비선형 광학 고분자 재료

1.1 한국

◆ 제일모직

공개번호	공개일자	출원일자	명 칭
2000-0055271	2000-09-05	1999-02-04	내열성, 유동성 및 표면광택성이 우수한 스티렌계 열가소성 수지조성물
2001-0109606	2001-12-12	2000-05-31	내충격성 및 광택성이 향상된 열가소성 수지조성물 및 그제조방법
2002-0044387	2002-06-15	2000-12-06	열안정성 및 광안정성이 우수한 열가소성 수지 조성물
2002-0045166	2002-06-19	2000-12-08	고광택 및 고내충격성을 갖는 열가소성 수지 조성물 및 그제조방법
2002-0054691	2002-07-08	2000-12-28	내충격성, 광택도 및 내후성이 우수한 열가소성 수지조성물 및 그 제조방법
2003-0015734	2003-02-25	2001-08-17	내열성과 표면광택성이 우수한 스티렌계 수지조성물
2003-0032696	2003-04-26	2001-19	고광택 및 고내충격성을 갖는 고무변성 폴리스티렌수지조성물의 제조방법
2003-0034405	2003-05-09	2001-23	표면광택, 내충격성 및 유동성이 우수한 열가소성 수지조성물
2000-0058220	2000-09-25	2000-06-08	액정 디스플레이용 폴리말레이미드 및 폴리이미드 광배향재
2000-0077503	2000-12-26	2000-09-25	액정 디스플레이용 폴리말레이미드 및 폴리이미드 광배향재
2000-0077502	2000-12-26	2000-09-25	액정 디스플레이용 폴리말레이미드 및 폴리이미드 광배향재
2001-0004433	2001-01-15	1999-06-29	카르보네이트 측쇄를 포함하는 폴리아미드 중합체와 감광성내열절연체 조성물
2001-0011635	2001-02-15	1999-07-29	아세탈 또는 이의 고리화 유도체를 측쇄로 포함하는 폴리아미드 중합체와 감광성 내열절연체 조성물

1.2 일본

◆ JSR Corp.

공개번호	공개일자	출원일자	명 칭
2001-030337	2001-02-06	1999-07-27	Manufacture of transparent resin sheet
2001-181349	2001-07-03	1999-12-27	Cyclic olefinic copolymer, manufacturing method thereof and thermoplastic polymer composition
2001-187815	2001-07-10	1999-12-28	Cyclic olefin copolymer, method for producing the same, and thermoplastic polymer composition
2002-012624	2002-01-15	2000-06-29	Cyclic olefin-based(copolymer and optical material
2002-020435	2002-01-23	2000-07-11	Cycloolefin copolymer and optical material
2002-226661	2002-08-14	2001-01-30	Cyclic olefinic polymer composition, its crosslinked object, and method of producing the same
2002-293843	2002-09	2001-03-30	Cycloolefinic copolymer, its composite material, these crosslinked material and optical material therefrom
2003-002922	2003-01-08	2001-06-18	Cyclic olefin polymer and method of producing the same
2003-014901	2003-01-15	2001-12-14	Thermoplastic norbornene resin-based optical film
2003-040985	2003-02-13	2001-07-31	Cyclic olefinic resin melt-extruded film

◆ Kanegafuchi Chem.

공개번호	공개일자	출원일자	명칭
1999-349677	1999-12-21	1999-03-31	Grafted polycarbonate resin and its praration
2000-302960	2000-31	1999-04-19	Optical film
2000-313727	2000-11-14	1999-04-28	Production of grafted polycarbonate resin
2001-055455	2001-02-27	1999-08-20	Transparent film
2001-310342	2001-11-06	2000-04-27	Method for manufacturing cast film, and cast film
2001-316432	2001-11-13	2000-05-10	Low double-refractive graft-modified norbornene-based resin and process for praration thereof
2001-318202	2001-11-16	2000-05-10	Optical film consisting of low birefringence graft-modified norborn-neresin
2002-331574	2002-11-19	2001-05-11	Manufacturing method for optical film
2002-341137	2002-11-27	2001-05-11	Optical film, protective film for polarizer and polarizing plate
2002-338702	2002-11-27	2001-05-11	Transparent film
2001-122912	2001-05-08	1999-27	Method for producing indene-containing polymer, molding material, film or additive by ing the polymer obtained by the production method, and component for optical E
2001-122908	2001-05-08	1999-27	Method for producing indene-containing polymer, molding material, film or additive by ing the polymer obtained by the production method, and component for optical E
2001-342226	2001-12-11	2000-05-31	Method for producing indene-styrene-based graft polymer, molded material, film or additive ing polymer obtained by the same method and optical component
2001-342225	2001-12-11	2000-05-31	Method for producing indent-styrene-based graft polymer, molded material, film or additive ing polymer obtained by the same method and optical component
2001-342224	2001-12-11	2000-05-31	Method for producing indene-styrene-based graft polymer, molded material, film or additive ing polymer obtained by the same method and optial component
2001-342223	2001-12-11	2000-05-31	Method for producing indene-styrene-based graft polymer, molding material, film or additive ing polymer obtained by the same production method and optical component
2002-003556	2002-01-09	2000-06-26	Copolymer containing acenaphthylene derivertive and molding mate-rial, sheet or film, and optical part obtained form the same
2002-003547	2002-01-09	2000-06-26	Acenaphthylene derivative-containing copolymer, and molding ma-terial, sheet or film and optical part obtained by ing the same
2002-003545	2002-01-09	2000-06-26	Production method of indene-styrene graft polymer, and molding material, film or additive and optical part ing polymer which is obtained by this production method
2002003544	2002-01-09	2000-06-26	Copolymer having acenaphthylene derivative, and moling material, sheet or film and optical part obtained from the same
2002-012728	2002-01-15	2000-06-29	Non-birefringent optical resin composition and optical element prared therefrom
2002-187994	2002-07-05	2000-12-21	Low birefringent resin composition
2002-194170	2002-07-10	2000-12-26	Low birefringence resin composition

1.3 미국

◆ Siemens Aktiengesellschaft

공개번호	공개일자	출원일자	명칭
6126867	2000-03	1999-03-09	Nonlinear-optically active copolymers, polymer materials produced from them, and electrooptical and photonic components constructed therefrom

6174961	2001-01-16	1999-03-09	Nonlinear-optically active copolymers, polyadducts produced from them, and their e for nonlinear-optical media
6228977	2001-05-08	1999-08-17	Nonlinear optically active copolymers
6353059	2002-03-05	2000-11-30	Polyadducts produced from nonlinear-optically active copolymers and polymerizable nonlinear-optically active monomers

1.4 유럽

◆ Mitsui Chemicals

공개번호	공개일자	출원일자	명 칭
0942027	1999-09-15	1999-03-15	A polymerizable composition

2. 광도파로용 광학 고분자재료

2.1 한국

◆ 미쓰비시 폴리에스터 필름

공개번호	공개일자	출원일자	명 칭
2000-0063017	2000-25	2000-03-24	결정화가능한 열가소성 수지로부터 제조된 투명한, UV-안정화된 필름
2001-0029694	2001-04-06	2000-05-09	결정성 열가소성 물질로 제조한 백색의 UV-안정화 필름
2001-0076399	2001-08-11	2001-01-19	결정화가능한 열가소성 수지로부터 제조된 투명한 난연성배향 필름, 이의 용도 및 이의 제조방법
2001-0076398	2001-08-11	2001-01-19	결정성 열가소성 수지로부터 제조된 투명한 난연성 자외선안정성 필름, 이의 용도 및 이의 제조방법
2001-0082720	2001-08-30	2001-02-16	결정화가능한 열가소성 물질로부터 제조된, 낮은 투명도를 갖는 불투명한 백색 필름
2001-0082710	2001-08-30	2001-02-16	결정성 열가소성 수지로부터 제조된 투명도가 낮은 불투명한 백색의 자외선 안정화된 난연성 필름
2001-0082709	2001-08-30	2001-02-16	결정성 열가소성 수지로부터 제조된 투명도가 낮은 불투명한 백색의 자외선 안정성 필름
2001-0085721	2001-09-07	2001-02-28	사이클로올레핀 공중합체(COC)를 포함하는 이축 배향된 UV 내성 백색 폴리에스테르 필름, 이의 용도 및 이의 제조방법
2001-0085704	2001-09-07	2001-02-28	사이클로올레핀 공중합체를 포함하는 이축 배향된 난연성, UV 내성 백색 폴리에스테르 필름, 이의 용도 및 이의 제조방법
2001-0085666	2001-09-07	2001-02-27	사이클로올레핀 공중합체를 함유하는 백색의 이축 배향된 난연성 폴리에스테르 필름, 이의 용도 및 이의 제조방법

◆ (주)엘지화학

공개번호	공개일자	출원일자	명 칭
2001-0057519	2001-07-04	1999-12-23	무광택성 중공 성형용 복합 폴리올레핀 수지 조성물 및그의 제조방법
2002-0044342	2002-06-15	2000-12-05	에폭시 수지 조성물 및 이를 이용한 저유전율 동박 적층판
2002-0094098	2002-12-18	2001-06-07	유기실리케이트 중합체의 제조방법, 및 이를 이용한절연막의 제조방법
2002-0097415	2002-12-31	2001-06-21	유기실리케이트 중합체 및 이를 함유하는 저유전 절연막
2003-0000709	2003-01-06	2001-06-26	유기실리케이트 중합체 및 이를 함유하는 저유전 절연막
2003-0030736	2003-04-18	2001-12	유기실리케이트 중합체 및 이를 함유하는 저유전 절연막

◆ 제일모직

공개번호	공개일자	출원일자	명 칭
2000-0055265	2000-09-05	1999-02-04	광반사 특성 및 충격강도가 우수한 폴리카보네이트계 수지 조성물
2001-0065708	2001-07-11	1999-12-30	광반사율이 우수한 폴리카보네이트계 수지 조성물
2002-0033870	2002-05-08	2000-30	초고광택 및 초고충격성을 갖는 열가소성 수지 조성물 및그 제조방법
2002-0050479	2002-06-27	2000-12-21	내충격성 및 광반사율이 우수한 폴리카보네이트계 수지조성물
2002-0053198	2002-07-05	2000-12-27	광안정성이 우수한 열가소성 난연성 수지 조성물

2.2 일본

◆ Fuji Photo Film

공개번호	공개일자	출원일자	명칭
2000-275434	2000-06	1999-03-25	Retardation raising agent for lower fatty acid ester film of cellulose, optical compensating sheet, and liquid crystal display device
2000-284119	2000-13	1999-03-30	Optical compensation sheet and stn liquid crystal display device
2000-298211	2000-24	1999-04-15	Manufacture of long-size optical compensation sheet
2000-304926	2000-11-02	1999-04-21	Production of long-length optical compensation sheet
2000-338325	2000-12-08	1999-05-31	Optical filter and antireflection film
2001-027706	2001-01-30	1999-07-13	Optical compensation sheet, polarizing plate and liquid crystal display device
2001-113547	2001-04-24	1999-20	Long sheet with oriented film forming material layer and method of manufacturing optical compensation sheet
2001-166147	2001-06-22	2000-09-29	Optical compensation sheet and liquid crystal display device
2001-247717	2001-09-11	2000-03-06	Plasticizer for cellulose ester, cellulose ester film, and method for producing the same
2001-272536	2001-05	2000-03-24	Polarizing plate and reflective liquid crystal display device
2001-281447	2001-10	2000-03-30	Optical film polarized light selection element, polarizing plate and liquid crystal display device
2001-281446	2001-10	2000-03-30	Optical film, polarizing plate and liquid crystal display device
2001-337222	2001-12-07	2000-05-25	Optical retardation plate
2002-014230	2002-01-18	2000-06-29	Optical compensation sheet, polarizing plate and liquid crystal display device
2002-022946	2002-01-23	2000-07-07	Retardation plate and circularly polarizing plate
2002-022943	2002-01-23	2000-07-06	Optical compensation sheet, polarizing plate and liquid crystal display device
2002-022942	2002-01-23	2000-07-04	Optical compensation sheet, polarizing plate and liquid crystal display device
2002-022935	2002-01-23	2000-07-06	Optical filter
2002-062431	2002-02-28	2000-08-22	Optical compensation sheet, polarizing plate and liquid crystal display device ing the same
2002-071949	2002-03-12	2000-09-01	Optical compensation sheet, polarizing plate and liquid crystal display device ing the same
2002-071948	2002-03-12	2000-09-01	Optical retardation plate and circularly polarizing plate
2002-082226	2002-03-22	2001-03-14	Optical compensation sheet, polarizing plate and liquid crystal display device
2002-086477	2002-03-26	2000-09-20	Cellulose acylate film and method for manufacturing the same
2002-086470	2002-03-26	2000-09-20	Cellulose acylate film and method for producing the same
2002-086469	2002-03-26	2000-09-19	Method for producing cellulose acylate film
2002-086468	2002-03-26	2000-09-19	Method for producing cellulose acylate film
2002-086467	2002-03-26	2000-09-13	Method for producing cellulose acylate film and the same
2002-090544	2002-03-27	2001-02-26	Optical retardation plate and circularly polarizing plate
2002-090541	2002-03-27	2000-09-19	Optical compensation sheet, polarizing plate and liquid crystal display device
2002-097300	2002-04-02	2000-09-20	Cellulose acylate solution, method of praring thesame and cellulose acylate film
2002-098835	2002-04-05	2000-09-25	Optical compensation sheet, polarizing plate and liquid crystal display device
2002-103358	2002-04-09	2001-02-26	Polymer resin film and its production method
2002-107539	2002-04-10	2000-09-26	Optical film, polarizing plate and liquid crystal display device
2002-122731	2002-04-26	2000-17	Optical filter
2002-131549	2002-05-09	2001-02-26	Optical compensating sheet, method for producing the same, polarizing plate and liquid crystal display
2002-131540	2002-05-09	2000-23	Thermoplastic film, phase contrast plate, circular polarizing plate and liquid crystal display

2002-131539	2002-05-09	2000-23	Phase difference plate and circularly polarizing plate
2002-139621	2002-05-17	2000-23	Optical compensation sheet, polarization plate and liquid crystal display
2002-146046	2002-05-22	2000-11-14	cellulose acylate film
2002-156527	2002-05-31	2000-11-21	Optical compensating film and polarizing plate and liquid crystal display each ing the same
2002-156508	2002-05-31	2000-11-21	Optical film, polarizing plate and picture display device
2002-169016	2002-06-14	2000-11-30	Optical film, polarizing element, method for producing the same, po- larizing plate and liquid crystal display
2002-187146	2002-07-02	2000-12-22	Film for optical applications
2002-196146	2002-07-10	2001-03-14	Optical compensation sheet, polarization plate and liquid crystal display ing the same
2002-194107	2002-07-10	2000-12-22	Optical film
2002-210767	2002-07-30	2001-11-14	Method for manufacturing cellulose acylate film
2002-267840	2002-09-18	2001-03-08	Optical compensation sheet, polarizing plate, elliptically polarizing plate and liquid crystal display device
2002-371142	2002-12-26	2001-06-15	Method for producing cellulose ester film
2003-026826	2003-01-29	2001-07-23	Polyester film for optics, hard-coated film and method for producing the same
2003-043250	2003-02-13	2001-07-26	Optical compensation sheet, polarizing plate and liquid crystal display device
2003-055477	2003-02-26	2001-08-15	Cellulose acetate film, optical compensation sheet, polarizing plate and liquid crystal display device
2002-131534	2002-05-09	2000-19	Optical compensation sheet, polarizer and liquid crystal display device

◆ Konica Corp.

공개번호	공개일자	출원일자	명 칭
2000081515	2000-03-21	1999-05-20	Polarizing plate
2000235102	2000-08-29	1999-02-15	Optical device and optical lens consisting of resin composition con- taining thermoplastic silicone resin
2000273199	2000-03	1999-03-19	Cellulose ester film, its production, protective film for polarizing plate, and polarizing plate prared from the same
2000314811	2000-11-14	2000-03-03	Optical film containing cellulose ester, polarizing plate, and liquid crystal display device
2000334881	2000-12-05	1999-05-28	Cage-shaped silsesquioxane-containing film
2000352620	2000-12-19	2000-03-28	Optical film, polarizing plate and liquid crystal display device
2001064422	2001-03-13	2000-06-22	Composition for forming transparent resin layer and its production
2001072872	2001-03-21	2000-05-12	Resin composition and optical lens
2001072799	2001-03-21	2000-06-28	Cellulose ester film, production thereof, and polarizing plate and display ing same
2001114914	2001-04-24	1999-15	Optical film, praration method therefor, deflector plate and liquid cry- stal display
2001129927	2001-05-15	1999-11-08	Optical anisotropic film and liquid crystal display apparat
2001154017	2001-06-08	1999-11-24	Optical film, polarizing plate and liquid crystal display device ing the same
2001172403	2001-06-26	1999-12-20	Light-diffing film and method for producing the same
2001194522	2001-07-19	2000-01-11	Optical film and its manufacturing method
2001337201	2001-12-07	2000-12-20	Optical film and liquid crystal display
2001343526	2001-12-14	2000-06-01	Optical film excellent in durability
2001356214	2001-12-26	2000-06-13	Optical anisotropic substance, method for manufacturing the same, polarizing plate and liquid crystal display device ing the same
2002003083	2002-01-09	2000-06-21	Optical film web, its preserving method and its transporting method
2002040244	2002-02-06	2000-07-21	Optical film, method for manufacturing the same, polarizing plate and display device
2002-090532	2002-03-27	2000-09-14	Optically anisotropic body and liquid crystal display device
2002-116320	2002-04-19	2000-10	Optical film, polarizing plate ing the same, method for producing the same and liquid crystal display

2002-120244	2002-04-23	2000-18	Optical cellulose ester film, its manufacturing method and polarizing plate
2002-169020	2002-06-14	2000-12-04	Optical film, polarizing plate and display ing the same
2002-196145	2002-07-10	2001-01-30	Optical film, protective film for polarization plate, method for manufacturing the same, and polarization plate and liquid crystal display device ing the same
2002-194228	2002-07-10	2000-12-25	Circuit board film and method of its manufacture
2002-265649	2002-09-18	2001-03-13	Method for forming glare shielding layer, method for treating substrate surface, optical film having glare shielding layer and image display device ing the same
2003-011143	2003-01-15	2001-07-02	Cellulose ester film and method for manufacturing the same
2003-039014	2003-02-12	2001-07-30	Optical film, method for manufacturing the same, polarizing plate ing the optical film and display device
2003-043259	2003-02-13	2001-08-01	Optical film, polarizing plate and display device
2003-053882	2003-02-26	2001-08-10	Optical film, manufacturing method thereof, antireflection film and deflector

◆ Mitsui Chem.

공개번호	공개일자	출원일자	명 칭
2000256554	2000-09-19	1999-03-10	Composition for resin having high refractive index, plastic lense obtained by curing the composition and its production
2000290365	2000-17	1999-04-02	Polyketone and its production
2000319390	2000-11-21	1999-05-10	[olyamic acid, polyimide and their production
2000351846	2000-12-19	1999-09-07	Sulfur-containing (thio)ether (co)polymer and its e
2001201613	2001-07-27	2000-04-10	Light diffion plate
2001261747	2001-09-26	2000-03-23	Polymerizable composition and resin plate obtained by polymerization of the same
2001294627	2001-23	2000-04-11	Polymerizable composition and its e
2001343553	2001-12-14	2000-05-31	Antireflection resin-composition
2002040233	2002-02-06	2000-07-21	Optical filter
2002047425	2002-02-12	2000-08-02	Transparent polymeric material and its manufacturing method
2002202424	2002-07-19	2000-12-28	Polymer optical waveguide
2002202423	2002-07-19	2000-12-28	Polymer optical waveguide
2002202422	2002-07-19	2000-12-28	Polymer optical waveguide
2002202421	2002-07-19	2000-12-28	Polymer optical waveguide
2002265585	2002-09-18	2001-03-14	Copolycarbonate and its e
2002268569	2002-09-20	2001-03-14	Optical filter
2003043297	2003-02-13	2001-08-01	Resin composition for optical connector and its e
2003048974	2003-02-21	2001-08-07	Polycarbonate copolymer and its age
2003057437	2003-02-26	2001-08-20	Optical filter

◆ Sumitomo Bakelite

공개번호	공개일자	출원일자	명 칭
2000212398	2000-08-02	1999-01-28	Oxy resin composition for optical fiber connector and optical fiber connector
2000233436	2000-08-29	1999-02-16	Production of thermoplastic polymer sheet
2000239408	2000-09-05	1999-02-16	Optical sheet and liquid crystal display device ing same
2001207034	2001-07-31	2000-01-25	Oxy resin composition for sealing optical semiconductor, and optical semiconductor device
2001207027	2001-07-31	2000-01-25	Oxy resin composition for sealing optical semiconductor and optical semiconductor device
2001240652	2001-09-04	2000-02-29	Oxy resin composition for sealing optical semiconductor and optical semiconductor device
2001247650	2001-09-11	2000-03-02	Oxy resin composition for encapsulation of optical semiconductor, and optical semiconductor device

2001323135	2001-11-20	2001-03-02	Oxy resin composition for sealing optical semiconductor and optical semiconductor device
2001329084	2001-11-27	2000-05-22	Plastic sheet having smoothness and optical sheet
2001328213	2001-11-27	2000-05-22	Plastic sheet having smoothness and optical sheet
2001348446	2001-12-18	2000-06-05	Method for manufacturing polymer sheet, and optical polymer sheet
2001348436	2001-12-18	2000-06-05	Polymer film sheet for optical e
2001347220	2001-12-18	2000-06-05	Method for manufacturing polymer film sheet, manufacturing equipment and polymer film sheet for optics
2002012743	2002-01-15	2000-06-28	Oxy resin composition for sealing optical semiconductor, and optical semiconductor device sealed with its cured material
2002080698	2002-03-19	2001-06-22	Oxy resin composition for sealing optical semiconductor and optical semiconductor device
2002080558	2002-03-19	2001-06-20	Oxy resin composition for optical semiconductor sealing e and optical semiconductor device sealed therewith
2002173532	2002-06-21	2001-03-29	Plastic material for optical guided wave path
2002234990	2002-08-23	2001-02-08	Sealing oxy resin composition for optical semiconductor and optical semiconductor
2003005159	2003-01-08	2001-06-18	Optical film sheet and display device ing the same

◆ Hitachi Chem.

공개번호	공개일자	출원일자	명 칭
2000265074	2000-09-26	1999-03-18	Resin composition, production of optical member, and optical member
2000264929	2000-09-26	1999-03-17	Optical copolymer, production of optical copolymer and optical part
2000264928	2000-09-26	1999-03-17	Optical copolymer, production of optical copolymer and optical part
2000266901	2000-09-29	1999-03-17	Optical copolymer, manufacture of optical copolymer and optical part
2000309634	2000-11-07	1999-04-26	Polyimide-based resin for optical part, optical part and optical waveguide
2000313707	2000-11-14	1999-04-28	Production of resin of non-optically birefringence and optical element prared by ing the same
2001011179	2001-01-16	1999-06-30	Polyimide-based resin for optical part, and optical part by ing the same
2001183527	2001-07-06	1999-12-24	Polyimide-based resin for optical parts, and phase contrast plate and wavelength plate each ing the same
2001318227	2001-11-16	2000-05-11	Polyimide resin for optical part, and optical part ing the same
2001335636	2001-12-04	2000-05-26	Optical wave plate ing polyamide imide silicon polymer and production method of the same
2002098812	2002-04-05	2000-09-26	Optical film, film for optics ing the same, and liquid crystal display device
2002173572	2002-06-21	2000-12-06	Non-birefringent resin composition for optical e and optical element produced by ing the composition
2002187993	2002-07-05	2000-12-21	Resin composition for non-birefringent optics and element for optics ing the same
2002225052	2002-08-14	2001-02-01	Method for producing polyimide resin film for optical part
2002332390	2002-11-22	2001-05-08	Nonbirefringent optical resin composition and optical device ing the same
2003020316	2003-01-24	2001-07-11	Method for producing indene polymer and molding maerial ing this polymer, film, additive and optical member
2002079109	2002-03-19	2000-12-08	Optical semiconductor metal-organic substance mixed body, composition containing optical semiconductor metal, method for producing photocatalytic film and photocatalytic member

2.3 미국

◆ Eastman Kodak

공개번호	공개일자	출원일자	명 칭
6441077	2002-08-27	2000-12-22	Polysulfone nanocomposite optical plastic article and method of making same>> View Certificate of Correction for this publication

6498208	2002-12-24	2000-12-22	Polystyrene nanocomposite optical plastic article and method of making same
6552111	2003-04-22	2000-12-22	Cyclic olefin polymeric nanocomposite optical plastic article and method of making same
6518353	2003-02-11	2000-12-22	Reduced temperature sensitive polymeric optical article and method of making same

◆ General Electric

공개번호	공개일자	출원일자	명 칭
6177537	2001-01-23	1999-11-01	Polycarbonates suitable for e in optical articles
6197917	2001-03-06	1999-08-18	Method for manufacturing polycarbonate for optical e
6248859	2001-06-19	1999-07-06	Polycarbonates suitable for e in optical article
6448334	2002-09-10	2000-12-19	Translucent polycarbonate composition, method for praration thereof, and articles derived therefrom

◆ Molecular OptoElectric

공개번호	공개일자	출원일자	명 칭
6489399	2002-12-03	2000-07-31	Dye-appended polymers for broadband fiber optic devices>> View Certificate of Correction for this publication
6194120	2001-02-27	2000-05-05	Organic photochromic compositions and method for fabrication of polymer waveguides
6268435	2001-07-31	2000-19	Dispersion-controlled polymers for broadband fiber optic devices

2.4 유럽

◆ Mitaubishi Gas Chem.

공개번호	공개일자	출원일자	명 칭
0950905	1999-20	1999-03-16	Process for producing a novel resin for optical materials having excellent color tone and transparency
1046931	2000-25	2000-04-19	Composition for optical materials
1120667	2001-08-01	2001-01-12	Process for production of optical material
1120667	2001-08-29	2001-01-12	Process for production of optical material
1046931	2001-08-29	2000-04-19	Composition for optical materials
0950905	2002-02-13	1999-03-16	Process for producing a novel resin for optical materials having excellent color tone and transparency
1316819	2003-06-04	2001-08-30	Composition for optical material
1319966	2003-06-18	2001-09-04	Composition for optical material

◆ Toyo Boseki KK

공개번호	공개일자	출원일자	명 칭
0962484	1999-12-08	1999-05-18	Optical-e adhesive film
1162229	2001-12-12	2001-06-05	Coated polyester film
1215228	2002-06-19	2001-12-10	Optical coating film

3. 광기록 및 저장용 광학고분자재료

3.1 한국

◆ 삼성전자

공개번호	공개일자	출원일자	명 칭
2001-0087502	2001-09-21	2000-03-07	광학용 폴리이미드 단량체의 제조 방법과 폴리이미드 화합물 및 그 제조 방법
2003-0012331	2003-02-12	2001-07-31	액정배향막용 광배향제
2003-0012330	2003-02-12	2001-07-31	액정배향막용 광배향제

◆ 시바 스페셜티

공개번호	공개일자	출원일자	명 칭
2000-0006480	2000-01-25	1999-06-25	신규 O-아실옥심광개시제
1999-0072373	1999-09-27	1999-02-02	옥소피페라지닐유도체및광안정화조성물

3.2 일본

◆ Teijin Chem.

공개번호	공개일자	출원일자	명 칭
2000-198914	2000-07-18	1999-01-07	Aromatic polycarbonate resin composition
2000-207775	2000-07-28	1999-01-13	Laminated optical disk
2000-319378	2000-11-21	1999-05-10	Polycarbonate resin molding material for optical e and optical disk base made of the material
2001-031859	2001-02-06	1999-07-22	Aromatic polycarbonate resin composition
2001-031752	2001-02-06	1999-07-22	Aromatic polycarbonate resin composition
2001-049105	2001-02-20	1999-08-10	Aromatic polycarbonate resin composition
2001049104	2001-02-20	1999-08-10	Aromatic polycarbonate resin composition
2001-072755	2001-03-21	1999-09-01	Optical polycarbonate resin molding material and optical disc base
2001-076391	2001-03-23	1999-09-06	Manufacture of stuck-together optical disk
2001-151882	2001-06-05	2000-01-24	Optical molding material of polycarbonate resin having highly precise transferring property and optical disk formed therefrom
2001-192447	2001-07-17	2000-01-12	Thermoplastic resin molding material having high transfer precision and optical disk base made of the material
2001-202656	2001-07-27	2000-01-21	Substrate for optical disk recording medium
2001-312837	2001-11-09	2000-04-27	Substrate for optical information recording medium and write-once optical information recording medium ing the same
2001-335627	2001-12-04	2000-05-30	Optical polycarbonate resin molding material and optical disk base plate made of the same material
2001-338437	2001-12-07	2000-05-25	Optical disk substrate and molding material therefor
2001-342337	2001-12-14	2000-06-02	Optical molded material
2001-348494	2001-12-18	2000-06-09	Optical resin composition and substrate for optical recording medium
2002-012676	2002-01-15	2000-08-29	Colorant master batch for optical molded article and optical recording medium substrate
2002-012675	2002-01-15	2000-08-25	Colorant master batch for optical molded article and optical recording medium substrate
2002-012673	2002-01-15	2000-08-29	Colorant master pellet for optical molded article and optical recording medium substrate
2002-012672	2002-01-15	2000-08-29	Colorant master pellet for optical molded article and optical recording medium substrate
2002-015462	2002-01-18	2000-08-25	Color resin composition for substrate of laminated optical recording medium and substrate of optical recording medium made from the same
2002-047406	2002-02-12	2000-08-01	High precision transferring optical molding material made of polycarbonate resin and optical disk substrate formed therefrom
2002-092943	2002-03-29	2000-09-19	Optical disk substrate and optical disk
2002-117580	2002-04-19	2000-10-03	Optical disk substrate and optical disk
2002-121375	2002-04-23	2000-10-18	Polycarbonate resin molding material for optics and optical disk substrate made of the same
2002-121374	2002-04-23	2000-10-18	Polycarbonate resin molding material for optics and optical disk substrate made of the same
2002-138209	2002-05-14	2001-04-27	Colored master pellet for optical molding and optical disk substrate
2002-138208	2002-05-14	2001-04-27	Colored master pellet for optical molding and optical disk substrate
2002-146210	2002-05-22	2001-04-27	Colored master pellet for optical molded article, and optical disc base plate
2002-146209	2002-05-22	2001-04-27	Colored master pellet for optical molded article, and optical disc base plate

2002-146208	2002-05-22	2001-04-27	Colored master pellet for optical molded article, and optical disc base plate
2002-187945	2002-07-05	2000-12-21	Optical polycarbonate resin molding material and information recording medium comprising the same
2002-212410	2002-07-31	2001-01-16	Polycarbonate resin optical molding material having high transfer precision, and optical disk substrate formed therefrom
2002-230829	2002-08-16	2001-02-05	Optical disk substrate
2002-241623	2002-08-28	2001-02-16	Resin composition for optical disk substrate
2002-241599	2002-08-28	2001-02-16	Highly precisely transcribable polycarbonate resin molding material for optical e, and optical disk substrate formed therefrom
2002-245668	2002-08-30	2001-02-16	Resin composition for optical disk substrate, optical disk substrate and optical disk
2002-265623	2002-09-18	2001-03-07	Polycarbonate resin molding material for optical e
2002-265622	2002-09-18	2001-03-07	Optical polycarbonate resin molding material and optical disk
2002-265581	2002-09-18	2001-03-07	Optical polycarbonate resin molding material
2002-322290	2002-11-08	2001-04-26	Colored master pellet for optical molded product and colored optical disk substrate
2002-334482	2002-11-22	2001-05-10	Optical recording medium
2002-332400	2002-11-22	2001-05-10	Polycarbonate molding material for optics having high precision transferability, and optical disk base board formed therefrom
2002-332399	2002-11-22	2001-05-08	Polycarbonate resin molding material for optics, having high precision transferability, and optical disk base board formed therefrom
2002-332398	2002-11-22	2001-05-08	Polycarbonate resin molding material for optics, having high precision transferability, and optical disk base board formed therefrom
2002-338798	2002-11-27	2001-05-16	High precision replication polycarbonate resin optical molding material and optical disc plate formed from the same
2002-338701	2002-11-27	2001-05-18	Optical polycarbonate resin molding material and optical disc substrate
2002-337140	2002-11-27	2001-05-18	Optical polycarbonate resin molding compound and optical disk substrate
2002-352471	2002-12-06	2001-05-24	Plate for optical recording medium and optical recording medium ing it
2003-020392	2003-01-24	2001-07-05	Thermoplastic resin composition, optical disc substrate and optical disc
2003-020332	2003-01-24	2001-07-05	Optical disk substrate
2003-041011	2003-02-13	2001-07-31	Optical recording medium
2003-041006	2003-02-13	2001-07-30	Optical polycarbonate resin forming material and optical disc substrate

◆ Fuji Photo Film

공개번호	공개일자	출원일자	명칭
2000-171637	2000-06-23	1999-09-30	Optical compensation sheet, liquid crystal display element and liquid crystal composition
2000-249835	2000-09-14	1999-03-03	Optical compensation sheet, elliptical polarization plate and liquid crystal display device
2000-323190	2000-11-24	1999-05-14	Electrolyte composition, photoelectric transfer element and photo-electrochemical battery
0323190	2000-11-24	1999-05-14	Electrolyte composition, photoelectric transfer element and photo-electrochemical battery
2001-033961	2001-02-09	1999-07-23	Photosensitive composition and method for forming lithographic printing plate
2001-056469	2001-02-27	1999-08-19	Liquid crystal oriented film, method for orienting liquid crystalline molecule, optical compensation sheet and stn liquid crystal display device
2001-100033	2001-04-13	1999-09-29	Producing method of elliptically polarizing plate
2001-200065	2001-07-24	2000-01-21	Clear molded article and recording medium ing the same
2001-242319	2001-09-07	2000-02-29	Optical film, polarizing plate and liquid crystal display device
2001-249223	2001-09-14	2000-03-03	Optical compensating sheet, polarizing plate and liquid crystal display device
2001-318228	2001-11-16	2000-05-12	Method for manufacturing polarizing plate
2001-344814	2001-12-14	2000-05-26	Optical information recording medium

2002-022940	2002-01-23	2000-07-03	Method for manufacturing optical film
2002-040245	2002-02-06	2000-07-21	Method for manufacturing long size optical compensation sheet
2002-062426	2002-02-28	2000-08-15	Alignment layer, optical compensation sheet, elliptically polarizing plate and liquid crystal display device ing the same
2002-088166	2002-03-27	2000-09-19	Method for producing cellulose acylate film
2002-098828	2002-04-05	2000-08-23	Liquid crystal aligning film, method for producing the same, optical compensating sheet, stn liquid crystal display and method for orienting discotic liquid- crystalline molecule
2002-122734	2002-04-26	2000-10-16	Film for polarizing plate
2002-146099	2002-05-22	2000-11-15	Cellulose acylate solution and cellulose acylate film
2002-179701	2002-06-26	2000-12-15	Cellulose acylate
2002-236215	2002-08-23	2001-03-14	Optical compensation sheet, elliptically polarizing plate and liquid crystal display device
2002-241512	2002-08-28	2001-12-13	Cellulose acylate film, photographic material and optical material
2002-258047	2002-09-11	2001-03-02	Method of manufacturing optical film
2002-265650	2002-09-18	2001-03-14	Hard coat film
2002-303722	2002-10-18	2001-04-04	Optical compensation sheet
2002-302561	2002-10-18	2001-04-05	Method for producing optically compensating film and polarizing plate
2002-316331	2002-10-29	2001-04-19	Solution film-forming method and polarizing plate or the like
2002-317051	2002-10-31	2001-04-19	Method for solution praration
2002-338668	2002-11-27	2001-05-15	Optically active polyester, photoreactive chiral agent, liquid crystal composition, liquid crystal color filter, optical film and recording medium, method of changing helical structure of liquid crystal, and method of fixing helical structure of liquid crystal
2003-035821	2003-02-07	2001-07-25	Optical retardation plate, polarizing plate and reflective liquid crystal display device
2003-057444	2003-02-26	2001-08-20	Optically anisotropic oriented film, method for manufacturing optically anisotropic oriented film, optical retardation plate, circularly polarizing plate and liquid crystal display device

◆ Mitsubishi Gas Chem.

공개번호	공개일자	출원일자	명 칭
2000-204150	2000-07-25	1999-01-14	Copolycarbonate polymer
2000-239372	2000-09-05	1999-02-23	Method for drying polycarbonate resin for optics
2000-298876	2000-10-24	1999-04-12	Holding material for optical recording medium
2000-302859	2000-10-31	1999-04-19	Molding material for optical recording medium
2000-302858	2000-10-31	1999-04-21	Molding material for optical recording medium
2000-302856	2000-10-31	1999-04-19	Molding material for optical recording medium
2000-306267	2000-11-02	1999-04-16	Holding material for optical recording medium
2000-319377	2000-11-21	1999-05-13	Molding material for optical recording medium
2000-319376	2000-11-21	1999-05-13	Molding material for optical recording medium
2000-319375	2000-11-21	1999-05-10	Molding material for optical recording medium
2000-345480	2000-12-12	2000-03-30	Dyeing of resin for optical material
2001-002933	2001-01-09	1999-11-19	Composition for optical material
2001-055436	2001-02-27	1999-08-20	Molding material for optical recording medium
2001-055435	2001-02-27	1999-08-19	Molding material for optical recording medium
2001-072757	2001-03-21	1999-09-06	Praration of polycarbonate for optical recording medium
2001-131279	2001-05-15	1999-11-02	Molding material for optical recording medium
2001-131257	2001-05-15	1999-11-09	Composition for resin
2001-288181	2001-10-16	2000-04-07	Isulfide compound and method for producing the same
2001-342247	2001-12-11	2000-12-18	Polycarbonate resin and optical member
2002-040201	2002-02-06	2000-07-21	Composition for optical material
2002-082203	2002-03-22	2000-09-08	Resin composition for optical material
2002-090502	2002-03-27	2000-09-14	Composition for optical material
2002-317042	2002-10-31	2001-04-19	Cover layer film for optical information-recording medium
2003-002889	2003-01-08	2001-06-20	Compound for optical material
2000-239514	2000-09-05	1999-12-17	Aromatic polycarbonate composition

◆ Dainippon Ink

공개번호	공개일자	출원일자	명칭
2000-344872	2000-12-12	2000-03-28	Cationic type ultraviolet ray hardenable composition, laminating method ing same, optical disk and manufacture of optical disk
2001-075054	2001-03-23	1999-09-02	Polymer optical low-pass filter, its production and polymer optical low-pass filter composite body
2001-311067	2001-11-09	2000-04-27	Ultraviolet curing composition and optical disk
2002-012640	2002-01-15	2000-09-08	Resin composition curable with actinic enregy ray
2002-020483	2002-01-23	2000-07-13	Optically active liquid crystal polymer compound
2002-069139	2002-03-08	2000-08-30	Active energy ray curing-type resin composition
2002-092948	2002-03-29	2000-09-13	Optical disk and ultraviolet-curing type composition ed therefor
2002-109785	2002-04-12	2000-09-28	Optical disk and ultraviolet-setting composition ed for the optical disk
2002-121383	2002-04-23	2000-10-18	Polyarylene sulfide resin composition and part for optical pickup
2002-129015	2002-05-09	2000-10-25	Polyarylene sulfide resin composition and optical pickup parts
2002-128742	2002-05-09	2000-10-24	Polymerizable liquid crystal compound and optical isomer
2002-146241	2002-05-22	2000-11-13	Uv-setting resin composition and optical disk ing the same
2002-206010	2002-07-26	2001-06-25	Curing composition
2002-265475	2002-09-18	2001-03-08	Polymerizable liquid crystal compound, and optical isomer
2002-293944	2002-10-09	2001-03-30	Method for producing polyarylate
2002-317013	2002-10-31	2001-07-30	Material for optical alignment film, the optical alignment film, and method for producing the film
2003-012762	2003-01-15	2001-06-27	Polymerizable liquid crystal compound, composition, and optically anisotropic product
2003-026734	2003-01-29	2001-07-16	Actinic-radiation-curing composition and multi-layered film prared therefrom
2003-040995	2003-02-13	2001-07-31	New polycarbonate resin and its production method
2003-055661	2003-02-26	2001-08-20	Polymerizable liquid crystal composition and optically anisotropic body ing the same
2002-348319	2002-12-04	2001-05-29	Process for producing optically anisotropic material
2003-048903	2003-02-21	2001-08-08	Method for producing optical isomer
2002-285042	2002-10-03	2001-03-27	Uv setting composition for optical disc and photo disc

◆ Mitsui Chem.

공개번호	공개일자	출원일자	명칭
2000-256435	2000-09-19	1999-03-10	Novel optical resin
2000-281627	2000-10-10	1999-03-31	Acrylic acid ester derivative and its e
2001-048877	2001-02-20	2000-05-31	Sulfur-containing compound and its e
2001-163978	2001-06-19	1999-12-10	(Thio)oxy polymerizable composition
2001-163877	2001-06-19	1999-12-09	(Thio)oxy compound removed from high molecular material and its purifying method
2001-163876	2001-06-19	1999-12-09	Method for purifying (thio)oxy compound
2001-163875	2001-06-19	1999-12-09	New isulfide compound and e thereof
2001-269946	2001-10-02	2000-03-23	Manufacturing method of photo-setting resin board
2001-316355	2001-11-13	2000-06-13	Sulfur-containing unsaturated carboxylic ester compound and e thereof
2002-053576	2002-02-19	2000-08-09	Sulfur-containing cyclic compound and optical material
2002-092957	2002-03-29	2000-09-19	Material of surface protecting layer for optical recording medium
2002-097223	2002-04-02	2000-09-22	Sulfur-containing(meth)acrylic acid thioester compound and their e
2002-128827	2002-05-09	2000-10-30	Sulfur-containing(meth)acrylic acid thioester compound and its e
2002-128826	2002-05-09	2000-10-20	Sulfur-containing(meth)acrylic acid thioester compound and its e
2002-201262	2002-07-19	2000-12-28	Polycarbonate resin and optical parts fabricated by incorporating it
2002-220224	2002-08-09	2001-01-23	Precursor solution having excellent storage stability for e to form poro silica and method of manufacturing poro silica

2002-236222	2002-08-23	2001-05-30	Optical material and optical parts which e aromatic sulfide compound and aromatic sulfide compound
2002-275216	2002-09-25	2001-09-21	Acrylic ester compound and its application
2002-317175	2002-10-31	2001-04-19	Color conversion material, composition containing the material, color conversion optical part ing the composition and light-emitting device ing the color conversion optical part
2002-348568	2002-12-04	2001-05-24	Chromatic transformation material, composition including the same, chromatic transformation optical component ing the composition and light-emitting device ing the component
2003-034678	2003-02-07	2001-07-19	Compound for encapsulant for light emitting elements and e thereof
2000-229980	2000-08-22	1999-02-10	Phthalocyanine-based compound and its E

3.3 미국

◆ General Electric

공개번호	공개일자	출원일자	명 칭
6537636	2003-03-25	2000-06-05	Data storage media containing clear polycarbonate blends
6492481	2002-12-10	2000-07-10	Substantially single phase silicone copolycarbonates, methods, and optical articles made therefrom>> View Certificate of Correction for this publication
6001953	1999-12-14	1999-03-18	Polycarbonates suitable for e in optical articles
6022943	2000-02-08	1999-04-07	Optical quality polycarbonates with reduced static charge and method for making same
6022942	2000-02-08	1999-01-05	Optical data storage media
6060577	2000-05-09	1999-03-18	Polycarbonates derived from alicyclic bisphenols
6262218	2001-07-17	1999-11-29	Optical quality polycarbonates with reduced static charge and method for making same

3.4 유럽

◆ Eastman Kodak

공개번호	공개일자	출원일자	명 칭
1217393	2002-06-26	2001-12-10	Reduced temperature sensitive polymeric optical article and method of making same
1217034	2002-06-26	2001-12-10	Polymethylmethacrylate nanocomposite optical plastic article and method of making same
1217033	2002-06-26	2001-12-10	Cyclic olefin polymeric nanocomposite optical plastic article and method of making same
1217032	2002-06-26	2001-12-10	Polystyrene nanocomposite optical plastic article and method of making same
1217031	2002-06-26	2001-12-10	Polysulfone nanocomposite optical plastic article and method of making same
1217030	2002-06-26	2001-12-10	Polycarbonate nanocomposite optical plastic article and method of making same
1217393	2003-06-04	2001-12-10	Reduced temperature sensitive polymeric optical article and method of making same
1217034	2003-06-04	2001-12-10	Polymethylmethacrylate nanocomposite optical plastic article and method of making same
1217032	2003-06-04	2001-12-10	Polystyrene nanocomposite optical plastic article and method of making same
1217031	2003-06-04	2001-12-10	Polysulfone nanocomposite optical plastic article and method of making same
1217030	2003-06-04	2001-12-10	Polycarbonate nanocomposite optical plastic article and method of making same
1217033	2003-06-11	2001-12-10	Cyclic olefin polymeric nanocomposite optical plastic article and method of making same

◆ Teijin Ltd.

공개번호	공개일자	출원일자	명 칭
1116751	2001-07-18	2000-05-24	Polycarbonate resin composition, optical recording medium, and substrate therefor
1195758	2002-04-10	2001-03-29	Protective coat for optical recording medium and optical recording medium
1270606	2003-01-02	2000-12-27	Hydrogenated styrene polymer and optical-disk substrate
1291858	2003-03-12	2001-04-24	Optical recording medium and substrate for E therein

4. 광섬유용 광학고분자재료

4.1 한국

◆ 엘지전선

공개번호	공개일자	출원일자	명 칭
2001-0059620	2001-07-06	1999-12-30	저광손실 고분자 화합물 및 이를 이용한 광통신용 열광학 소자
2001-0059618	2001-07-06	1999-12-30	저광손실 고분자 화합물 및 광통신용 열광학 소자

◆ 코오롱

공개번호	공개일자	출원일자	명 칭
2001-0028011	2001-04-06	1999-09-17	광섬유 피복튜브용 폴리부틸렌테레프탈레이트 수지 및 이를 이용한 광섬유 피복튜브
2002-0038992	2002-05-25	2000-11-20	고점도 폴리부틸렌테레프탈레이트 수지 조성물 및이로부터 제조된 광섬유 피복튜브

4.2 일본

◆ ShinEtsu Chem.

공개번호	공개일자	출원일자	명 칭
2000-309615	2000-11-07	1999-04-26	Photocurable resin composition and covering material for optical fiber
2000-327725	2000-11-28	1999-05-17	Ultraviolet light-curable resin composition, coating material for optical fiber and optical fiber
0327725	2000-11-28	1999-05-17	Ultraviolet light-curable resin composition, coating material for optical fiber and optical fiber
2000-336127	2000-12-05	1999-05-28	Photo-setting resin composition and coating material for optical fiber and optical fiber
2000-344844	2000-12-12	1999-06-02	Liquid radiation-curable resin composition, cladding composition for optical fiber, and optical fiber
2000-351818	2000-12-19	1999-06-10	Liquid radiation-curable resin composition, coating composition for optical fiber and optical fiber
2000-3 51817	2000-12-19	1999-06-09	Photocurable resin composition and coating material for optical fiber
2001-048942	2001-02-20	1999-08-10	Radiation-curing type liquid resin composition, composition for covering optical fiber and optical fiber
2001-048564	2001-02-20	1999-08-04	Method for packing and conveying optical fiber preform
2001-089200	2001-04-03	1999-09-22	Radiation cure-type material for covering optical fiber and method for curing the same covering material
2001-131243	2001-05-15	1999-11-04	Liquid radiation-curable resin composition, coating material for optical fiber and optical fiber
2001-261923	2001-09-26	2000-03-15	Radiation-curing type resin composition and coating agent for optical fiber
2001-261381	2001-09-26	2000-03-15	Method of curing coating material for optical fiber
2001-294449	2001-10-23	2000-04-11	Electron beam-curable coloring/coating material composition for optical fiber and method for coloring optical fiber

2001-302742	2001-10-31	2000-04-24	Liquid radiation-curing resin composition and coating composition for optical fiber and optical fiber
2002-131594	2002-05-09	2000-10-27	Coated optical fiber
2002-138222	2002-05-14	2000-11-02	Radiation-curable coating composition for optical fiber, and its application method
2002-174702	2002-06-21	2000-12-08	Antireflection film and optical member ing the same
2002-338692	2002-11-27	2001-05-18	Methylphenyl polysiloxanediol and its manufacturing method, and liquid radiation-curable resin composition, optical fiber coating composition and optical fiber
2001-200007	2001-07-24	2000-01-19	Photocurable resin composition and coating material for optical fiber

◆ Kanegafuchi Chem.

공개번호	공개일자	출원일자	명 칭
2000-302988	2000-10-31	1999-04-22	Resin composition and optical film
2001-139791	2001-05-22	1999-11-12	Production of modified polycarbonate resin composition
2001-139788	2001-05-22	1999-11-12	Production of modified polycarbonate resin composition
2001-139755	2001-05-22	1999-11-15	Resin composition for optical film
2001-139678	2001-05-22	1999-11-12	Modified polycarbonate resin film
2001-260152	2001-09-25	2000-03-21	Method for manufacturing optical film
2001-318224	2001-11-16	2000-05-09	phase difference film
2002-080733	2002-03-19	2000-12-27	Composition for optical material, material for optical e, method for producing the same and liquid crystal display device and led produced by ing the material
2002-088244	2002-03-27	2001-04-18	Curable composition, composition for optical material, optical material, liquid crystal display device, transparent electroconductive film and their manufacturing method
2002-235006	2002-08-23	2001-02-13	Composition for opticalmaterial, optical material and method for producing the same material
2002-235005	2002-08-23	2001-02-09	Composition for optical material, optical material and method for producing the same material
2002-234986	2002-08-23	2001-02-09	Composition for optical material, optical material and its manufacturing method
2002-241614	2002-08-28	2001-02-15	Curing composition and cured product
2002-241501	2002-08-28	2001-02-15	Curing agent, curable composition and cured product
2002-317048	2002-10-31	2001-12-10	Curing agent, curable composition, composition for optical material, optical material, method for producing the optical material and liquid crystal display and led made by ing the optical material
2002-326240	2002-11-12	2001-04-27	Method for manufacturing optical film
2002-331616	2002-11-19	2001-05-11	Transparent film
2002-331576	2002-11-19	2001-05-11	Optical film
2002-332361	2002-11-22	2001-05-11	Process for manufacturing optical film

◆ Konica Corp.

공개번호	공개일자	출원일자	명 칭
2000-231003	2000-08-22	1999-02-10	Optical device and optical lens
2000-231002	2000-08-22	1999-02-10	Optical lens
2000-231001	2000-08-22	1999-02-10	Optical lens
2000-235103	2000-08-29	1999-02-16	Optical device, optical lens and optical hardening resin composition having high refractive index
2001-089660	2001-04-03	1999-09-27	Optical element, optical lens and resin composition having high refractive index
2001-106761	2001-04-17	1999-10-13	Resin composition, optical element and optical aspherical lens
2001-151902	2001-06-05	1999-11-29	Optical film and its preparation method
2001-183528	2001-07-06	2000-08-01	Optical film and method of producing the same

2001-187825	2001-07-10	2000-10-18	Cellulose ester film, optical film and manufacturing method thereof
2002-241511	2002-08-28	2001-02-14	Cellulose ester film and method for producing the same
2002-292659	2002-10-09	2001-03-30	Optical film and method for manufacturing the same
2002-296422	2002-10-09	2001-04-02	Optical retardation film, method for manufacturing the same, and elliptically polarizing plate
2002-332345	2002-11-22	2001-05-08	Resin composition and optical lens
2002-350644	2002-12-04	2001-05-29	Optical film and polarizing plate and display device using the same
2003-014933	2003-01-15	2001-07-02	Optical retardation film, method for manufacturing the same and composite polarizing plate
2003-012822	2003-01-15	2001-06-28	Optical film, its production method, polarizing plate and display device using the same
2002-363420	2002-12-18	2001-06-06	Resin composition, optical film, polarizing plate and display device

◆ Mitsui Chem.

공개번호	공개일자	출원일자	명칭
2001-002784	2001-01-09	1999-06-24	New polyepithioethyl compound
2001-002674	2001-01-09	1999-06-23	New polyisocyanate
2001-002635	2001-01-09	1999-06-24	New polyisocyanate
2001-011109	2001-01-16	1999-06-29	Photosetting resin composition having high refractive index and its cured product
2001-166102	2001-06-22	1999-12-10	Optical material and method for producing same
2001-281450	2001-10-10	2000-03-31	Optical element
2001-281449	2001-10-10	2000-03-31	Optical element
2001-281448	2001-10-10	2000-03-31	Optical element
2001-279084	2001-10-10	2000-03-31	Polycarbonate resin composition and E therefor
2001-279083	2001-10-10	2000-03-31	Polycarbonate resin composition and E therefor
2001-279079	2001-10-10	2000-03-29	Polycarbonate resin composition and E therefor
2001-279078	2001-10-10	2000-03-29	Polycarbonate resin composition and E therefor
2002-114841	2002-04-16	2000-10-06	Optical part
2002-267841	2002-09-18	2001-03-09	Polarizing film for polarizing lens
2003-034718	2003-02-07	2001-07-24	Polycarbonate copolymer and the E

◆ JSR Corp.

공개번호	공개일자	출원일자	명칭
2001-011123	2001-01-16	1999-07-02	Fluorine-containing hydroxy compound, its polymer, its curable resin composition, and method for producing the same
2002-277696	2002-09-25	2001-03-15	Hardening type resin composition for optical fiber
2002-274895	2002-09-25	2001-03-15	Curable resin composition for optical fiber
2002-317014	2002-10-31	2001-02-16	Imido group-containing olefin-based (co)polymer, optical material, adhesive coating agent, and composite material made of the (co)polymer
2000-198824	2000-07-18	1999-10-14	Photocurable resin composition and cured material
2001-172344	2001-06-26	2000-07-19	Curable liquid resin composition
2001-181359	2001-07-03	1999-12-24	Liquid curable resin composition and cured product
2001-316434	2001-11-13	2000-05-01	Curable liquid resin composition
2001-348412	2001-12-18	2001-02-09	Liquid curable resin composition and bilayer film
2002-105148	2002-04-10	2000-09-29	Curable resin composition for optical fiber and cured product therefrom
2002-138127	2002-05-14	2000-11-02	Silicone compound, liquid curable resin composition and cured product thereof
2001-200022	2001-07-24	2000-01-14	Photocurable resin composition and optical member
2002-105149	2002-04-10	2000-10-03	Photocurable resin composition and optical member

4.3 미국

◆ DSM NV

공개번호	공개일자	출원일자	명칭
6169126	2001-01-02	1999-07-15	Radiation-curable optical fiber primary coating system
6339666	2002-01-15	2001-04-20	Radiation-curable optical glass fiber coating compositions, coated optical glass fibers, and optical glass fiber assemblies
6359025	2002-03-19	2000-02-28	Radiation-curable liquid resin composition for coating optical fibers
6472450	2002-10-29	2000-01-10	Radiation-curable optical fiber coating composition
6534557	2003-03-18	1999-07-15	Radiation-curable, optical fiber primary coating system
6180741	2001-01-30	1999-10-07	Liquid curable resin composition
6579618	2003-06-17	2000-06-26	Coated optical fiber and radiation curable resin composition
6538045	2003-03-25	1999-12-23	Optical fiber coating compositions containing secondary or tertiary amino silicone-containing additive

◆ Corning Inc.

공개번호	공개일자	출원일자	명칭
6262155	2001-07-17	1999-10-25	Temperature stable and sunlight protected photochromic articles
6316516	2001-11-13	1999-04-29	Coating composition for optical fibers
6326416	2001-12-04	1999-12-30	Coating composition for optical fibers
6531522	2003-03-11	2000-11-14	Fast curing primary optical fiber coating
6534618	2003-03-18	2000-11-27	Methods of drying optical fiber coatings
6559197	2003-05-06	2001-03-28	Optical fiber coating
6584263	2003-06-24	2001-12-17	Optical fiber coating compositions and coated optical fibers

◆ Alcatel, Paris.

공개번호	공개일자	출원일자	명칭
6171698	2001-01-09	1999-08-19	Radiation curable coating composition for optical fibers and optical fibers coated thereby
6316105	2001-11-13	1999-07-27	Radiation curable coating composition with hydrophobic properties for optical fibers and optical fibers coated thereby
6338878	2002-01-15	2000-11-07	Method to improve degree of cure for ultraviolet curable optical fiber coating by actively removing heat from the coating during irradiation
6423809	2002-07-23	2001-02-12	Polyurethane acrylate or vinyl type polymeric material for coating optical fibers based on a fluorinated diol
6489376	2002-12-03	2000-07-31	Formulation of UV-curable coatings for optical fiber for a fast cure

4.4 유럽

◆ Dow Corning

공개번호	공개일자	출원일자	명칭
1106653	2002-03-20	2000-11-16	Method for photocuring polyorganosiloxane and polysiloxane composition for optical use
1142927	2001-10-10	2000-04-07	High refractive index optical silicone oil and method for the preparation thereof
1142926	2001-10-10	2000-04-07	High-refractive-index optical silicone oil and high-refractive-index optical silicone oil mixture

◆ Mitsubishi Rayon

공개번호	공개일자	출원일자	명칭
1059544	2000-12-13	1999-02-24	Plastic optical fiber, optical fiber cable, optical fiber cable with plug, method for producing methyl methacrylate based polymer and method for producing plastic optical fiber
1251377	2002-10-23	2000-11-29	Optical fiber cord and optical fiber cord with plug

◆ Sumitomo Electric

공개번호	공개일자	출원일자	명칭
1003055	2000-05-24	1999-04-09	Part for positioning optical fiber
1134602	2001-09-19	2001-03-16	Optical fiber positioning member
1134602	2003-01-22	2001-03-16	Optical fiber positioning member

참고문헌

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