



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification⁵ : B29D 11/00, G02B 1/04 B29C 33/38	A3	(11) International Publication Number: WO 92/09421 (43) International Publication Date: 11 June 1992 (11.06.92)
(21) International Application Number: PCT/US91/08735 (22) International Filing Date: 20 November 1991 (20.11.91) (30) Priority data: 618,448 27 November 1990 (27.11.90) US (71) Applicant: BAUSCH & LOMB INCORPORATED [US/US]; Patent Law Department, One Lincoln First Square, P.O. Box 54, Rochester, NY 14601-0054 (US). (72) Inventor: LAI, Yu-Chin ; 23 Cooper Woods, Pittsford, NY 14534 (US). (74) Agents: POLYN, Denis, A. et al.; Bausch & Lomb Incorporated, Patent Law Department, One Lincoln First Square, P.O. Box 54, Rochester, NY 14601-0054 (US).		(81) Designated States: AT (European patent), BE (European patent), BR, CA, CH (European patent), DE (European patent), DK (European patent), ES (European patent), FR (European patent), GB (European patent), GR (European patent), IT (European patent), JP, KR, LU (European patent), NL (European patent), SE (European patent). Published <i>With international search report.</i> <i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> (88) Date of publication of the international search report: 9 July 1992 (09.07.92)
(54) Title: MOLD MATERIALS FOR SILICONE CONTAINING LENS MATERIALS		
(57) Abstract <p>When molding shaped articles such as contact lenses from monomeric mixtures containing silicone monomers and hydrophilic monomers, the wettability of the resulting article is improved by using a mold material produced from a resin comprising a copolymer of an alpha, beta, olefinically unsaturated mononitrile and at least one comonomer to enhance melt processability.</p>		

FOR THE PURPOSES OF INFORMATION ONLY

Codes used to identify States party to the PCT on the front pages of pamphlets publishing international applications under the PCT.

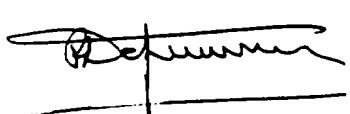
AT	Austria	ES	Spain	MG	Madagascar
AU	Australia	FI	Finland	ML	Mali
BB	Barbados	FR	France	MN	Mongolia
BE	Belgium	GA	Gabon	MR	Mauritania
BF	Burkina Faso	GB	United Kingdom	MW	Malawi
BG	Bulgaria	GN	Guinea	NL	Netherlands
BJ	Benin	GR	Greece	NO	Norway
BR	Brazil	HU	Hungary	PL	Poland
CA	Canada	IT	Italy	RO	Romania
CF	Central African Republic	JP	Japan	SD	Sudan
CG	Congo	KP	Democratic People's Republic of Korea	SE	Sweden
CH	Switzerland	KR	Republic of Korea	SN	Senegal
CI	Côte d'Ivoire	LI	Liechtenstein	SU ⁺	Soviet Union
CM	Cameroon	LK	Sri Lanka	TD	Chad
CS	Czechoslovakia	LU	Luxembourg	TC	Togo
DE*	Germany	MC	Monaco	US	United States of America
DK	Denmark				

+ Any designation of "SU" has effect in the Russian Federation. It is not yet known whether any such designation has effect in other States of the former Soviet Union.

INTERNATIONAL SEARCH REPORT

International Application No

PCT/US 91/08735

I. CLASSIFICATION OF SUBJECT MATTER (if several classification symbols apply, indicate all) ⁹		
According to International Patent Classification (IPC) or to both National Classification and IPC		
Int.Cl. 5 B29D11/00;	G02B1/04;	B29C33/38
II. FIELDS SEARCHED		
Minimum Documentation Searched ⁷		
Classification System	Classification Symbols	
Int.Cl. 5	G02B ;	B29C ; B29D
Documentation Searched other than Minimum Documentation to the Extent that such Documents are Included in the Fields Searched ⁸		
III. DOCUMENTS CONSIDERED TO BE RELEVANT⁹		
Category ⁹	Citation of Document, ¹¹ with indication, where appropriate, of the relevant passages ¹²	Relevant to Claim No. ¹³
X	EP,A,0 347 043 (PILKINGTON VISIONCARE IMC.) 20 December 1989 see claims 1,10,11,12,15 see page 5, line 24 - line 29 see page 5, line 36 - line 52 see page 5, line 53 - page 6, line 20 ---	1
A	US,A,3 830 460 (JOHN O. BEATTIE) 20 August 1974 see claims 1,5,8,10,11,13 ---	1
A	FR,A,2 445 353 (COVINGTON WILLIAM S.) 25 July 1980 see claim 1 see page 17, line 39 see page 18, line 20 - line 27 ---	1
-/--		
		
⁹ Special categories of cited documents: ¹⁰ "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. "&" document member of the same patent family		
IV. CERTIFICATION		
Date of the Actual Completion of the International Search	Date of Mailing of this International Search Report	
12 MAY 1992	27. 05. 92	
International Searching Authority	Signature of Authorized Officer	
EUROPEAN PATENT OFFICE	DEPIJPER R.D.C.	

III. DOCUMENTS CONSIDERED TO BE RELEVANT (CONTINUED FROM THE SECOND SHEET)		
Category *	Citation of Document, with indication, where appropriate, of the relevant passages	Relevant to Claim No.
A	US,A,3 871 803 (JOHN O. BEATTIE) 18 March 1975 see claim 1 see column 12, line 16 - line 49 see figures 5,8 see column 12, line 58 - column 13, line 2 see column 13, line 7 - line 13 ---	1

**ANNEX TO THE INTERNATIONAL SEARCH REPORT
ON INTERNATIONAL PATENT APPLICATION NO. US 9108735
SA 55176**

This annex lists the patent family members relating to the patent documents cited in the above-mentioned international search report. The members are as contained in the European Patent Office EDP file on
The European Patent Office is in no way liable for these particulars which are merely given for the purpose of information. 12/05/92

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
EP-A-0347043	20-12-89	US-A- 4921205	01-05-90
		JP-A- 2018012	22-01-90
US-A-3830460	20-08-74	US-A- 3931373	06-01-76
		BE-A- 753437	14-01-71
		DE-A- 2029098	11-02-71
		FR-A- 2055087	07-05-71
		GB-A- 1317005	16-05-73
FR-A-2445353	25-07-80	US-A- 4245069	13-01-81
		CA-A- 1134983	02-11-82
		CH-A- 648049	28-02-85
		DE-A- 2941264	17-07-80
		DE-C- 2954176	12-06-86
		GB-A- 2039932	20-08-80
		US-A- 4423195	27-12-83
US-A-3871803	18-03-75	US-A- 3806079	23-04-74