

(19) World Intellectual Property Organization
International Bureau



(43) International Publication Date
27 November 2008 (27.11.2008)

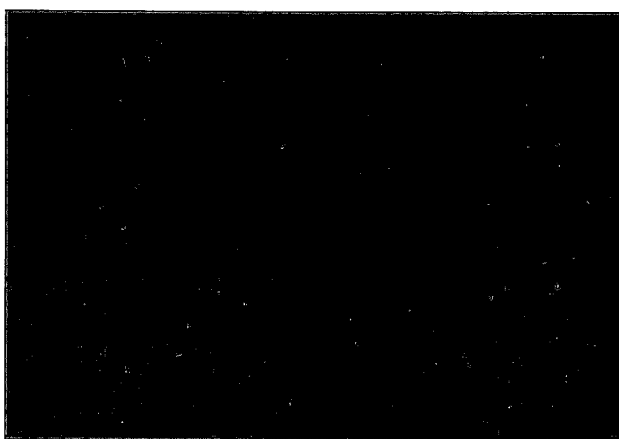
PCT

(10) International Publication Number
WO 2008/143470 A3

- (51) International Patent Classification:
C09K 19/04 (2006.01)
- (21) International Application Number:
PCT/KR2008/002865
- (22) International Filing Date: 22 May 2008 (22.05.2008)
- (25) Filing Language: Korean
- (26) Publication Language: English
- (30) Priority Data:
10-2007-0049738 22 May 2007 (22.05.2007) KR
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- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.
- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
— before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments
- (88) Date of publication of the international search report:
15 January 2009

(54) Title: POLYMERIZABLE LIQUID CRYSTAL COMPOSITION AND OPTICAL FILM AND DEVICE USING THE SAME

Fig. 1



(57) Abstract: Disclosed is a polymerizable liquid crystal composition which is applicable on a supporting substrate, such as a transparent plastic film for optical use, or glass, etc., and has a homeotropic alignment. Also, disclosed is an optical film obtained by aligning and fixing the polymerizable composition on a substrate.

A. CLASSIFICATION OF SUBJECT MATTER*C09K 19/04(2006.01)i*

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 8:C09K

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and applications for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS(KIPO internal), USPAT, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	JP 2003-251643 A (KUNTZ et al.) SEP., 09, 2003 see abstract and paragraphs [0074]-[0075]	1-6
Y	KR 10-2005-0048502 A (YANAI et al.) MAY, 24, 2005 see pages 2-3, 40-41 and 94-95 , examples 3-4 in page 123	1-6
A	JP 2001-55573 A (MAZAKI et al.) FEB., 27, 2001 see whole document	1-6
A	JP 2000-98134 A (KEITH et al.) APR., 07, 2000 see whole document	1-6
A	KR 10-2006-0097561 (SHI et al.) SEP., 14, 2006 see whole document	1-6
A	WO 93/22397 A1 (COATES et al.) NOV., 11, 1993 see whole document	1-6



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Date of the actual completion of the international search

03 NOVEMBER 2008 (03.11.2008)

Date of mailing of the international search report

04 NOVEMBER 2008 (04.11.2008)

Name and mailing address of the ISA/KR

Korean Intellectual Property Office
Government Complex-Daejeon, 139 Seonsa-ro, Seo-
gu, Daejeon 302-701, Republic of Korea

Facsimile No. 82-42-472-7140

Authorized officer

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Telephone No. 82-42-481-5584



INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

PCT/KR2008/002865

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