(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
13 December 2007 (13.12.2007)

PCT

(10) International Publication Number
WO 2007/142978 A3

(51) International Patent Classification:
G02B 26/00 (2006.01) *H01L 41/193* (2006.01)
C08G 77/18 (2006.01)

(21) International Application Number:
PCT/US2007/012757

(22) International Filing Date: 30 May 2007 (30.05.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/809,873 1 June 2006 (01.06.2006) US

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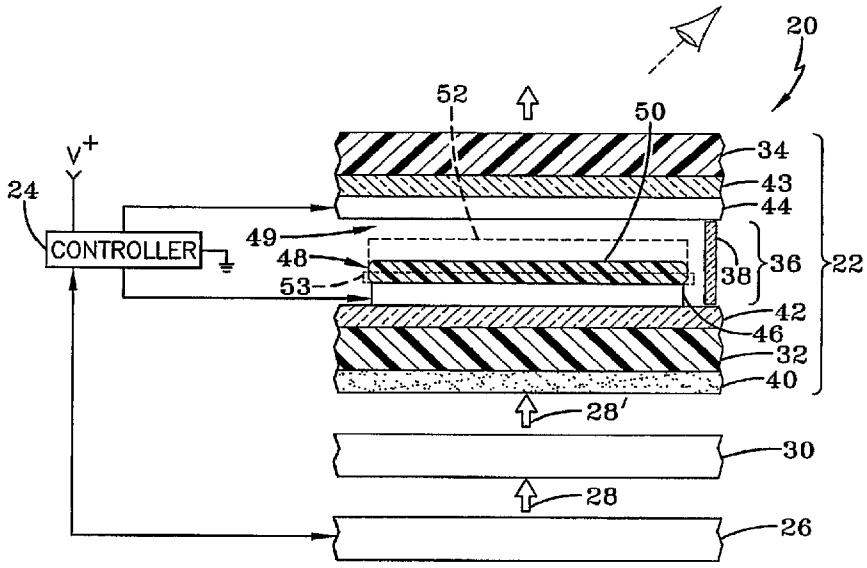
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, 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, HU, IE, IS, IT, LT, LU, LV, MC, MT, NL, 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:
20 March 2008

(54) Title: LIGHT FILTER/MODULATOR AND ARRAY OF FILTERS/MODULATORS



(57) Abstract: A light filter or an array of filters can be either one or two dimensional. The filter or filters use multiple beam interference by varying an optical path length between semi-reflective surfaces. The optical path length between the semi-reflective surfaces is varied by changing a thickness of a polymer film in response to an electric field formed between two semi-transparent electrodes. The filter can be configured in either a transmissive or reflective mode.

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INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/012757

A. CLASSIFICATION OF SUBJECT MATTER
INV. G02B26/00 C08G77/18 H01L41/193

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)
G02B C08G H01L

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

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A		42-61
Y	US 6 088 214 A (MALONE HUGH ROBERT [US] ET AL) 11 July 2000 (2000-07-11) abstract column 4, line 20 - line 25 column 5, line 37 - column 6, line 14 figure 2	1-41
A		42-61

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Date of the actual completion of the international search	Date of mailing of the international search report
22 January 2008	28/01/2008

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL – 2280 HV Rijswijk Tel. (+31–70) 340–2040, Tx. 31 651 epo nl, Fax: (+31–70) 340–3016	Seibert, Joachim

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/012757

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