

(19) World Intellectual Property Organization  
International Bureau



(43) International Publication Date  
4 January 2007 (04.01.2007)

PCT

(10) International Publication Number  
**WO 2007/002452 A3**

(51) International Patent Classification:  
*G02F 1/00* (2006.01) *H01S 3/00* (2006.01)

(21) International Application Number:  
PCT/US2006/024561

(22) International Filing Date: 23 June 2006 (23.06.2006)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
60/595,332 23 June 2005 (23.06.2005) US  
60/595,957 19 August 2005 (19.08.2005) 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, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LV, LY, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, 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, 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).

**Declaration under Rule 4.17:**

— as to applicant's entitlement to apply for and be granted a patent (Rule 4.17(ii))

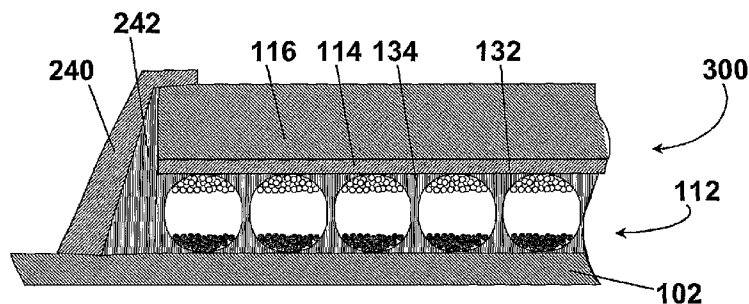
**Published:**

— with international search report

(88) Date of publication of the international search report:  
5 July 2007

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: EDGE SEALS AND PROCESSES FOR ELECTRO-OPTIC DISPLAYS



(57) Abstract: An electro-optic display comprises a backplane; a layer of electro-optic material disposed adjacent the backplane; a protective layer; and a sealing layer of a metal or a ceramic extending between the backplane and the protective layer, and thus sealing the layer of electro-optic material from the outside environment.



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INTERNATIONAL SEARCH REPORT

International application No.  
PCT/US 06/24561

<p>A. CLASSIFICATION OF SUBJECT MATTER                  IPC(8): G02F 1/00; H01S 3/00 (2007.01)                  USPC: 359/321; 359/245                  According to International Patent Classification (IPC) or to both national classification and IPC</p>														
<p>B. FIELDS SEARCHED</p> <p>Minimum documentation searched (classification system followed by classification symbols)                  USPC: 359/321, 359/245</p> <p>Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched                  USPC: 359/252, 296, 315; 345/107</p> <p>Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)                  Electronic data base: USPTO WEST, NPL DialogPRO                  Search terms used: electro-optic display,backplane,protective layer,sealing layer,vapor depositing,disposable member,plane surface,barrier,protective layer,electrodes,fluid,gaseous</p>														
<p>C. DOCUMENTS CONSIDERED TO BE RELEVANT</p> <table border="1"> <thead> <tr> <th>Category*</th> <th>Citation of document, with indication, where appropriate, of the relevant passages</th> <th>Relevant to claim No</th> </tr> </thead> <tbody> <tr> <td>X --- Y</td> <td>US 2004/0219306 A1 (Wang et al.) 4 November 2004 (04.11.2004) [Fig. 1, para 99, para 20 ln 2, para 20 ln 28, para 20 ln 26, para 98 ln 17]</td> <td>1-15 ----- 16</td> </tr> <tr> <td>Y</td> <td>US 2004/0027327 A1 (LeCain et al.) 12 February 2004 (12.02.2004) [abstract]</td> <td>16</td> </tr> <tr> <td>A</td> <td>US 4,262,301 A (Erlichman) 14 April 1981 (14.04.1981)</td> <td>1-16</td> </tr> </tbody> </table>			Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No	X --- Y	US 2004/0219306 A1 (Wang et al.) 4 November 2004 (04.11.2004) [Fig. 1, para 99, para 20 ln 2, para 20 ln 28, para 20 ln 26, para 98 ln 17]	1-15 ----- 16	Y	US 2004/0027327 A1 (LeCain et al.) 12 February 2004 (12.02.2004) [abstract]	16	A	US 4,262,301 A (Erlichman) 14 April 1981 (14.04.1981)	1-16
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<p><input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/></p>														
<p>* Special categories of cited documents:</p> <table border="0"> <tr> <td>"A" document defining the general state of the art which is not considered to be of particular relevance</td> <td>"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</td> </tr> <tr> <td>"E" earlier application or patent but published on or after the international filing date</td> <td>"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone</td> </tr> <tr> <td>"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)</td> <td>"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</td> </tr> <tr> <td>"O" document referring to an oral disclosure, use, exhibition or other means</td> <td>"&amp;" document member of the same patent family</td> </tr> <tr> <td>"P" document published prior to the international filing date but later than the priority date claimed</td> <td></td> </tr> </table>			"A" document defining the general state of the art which is not considered to be of particular relevance	"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	"E" earlier application or patent but published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone	"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)	"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	"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family	"P" document published prior to the international filing date but later than the priority date claimed			
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<p>Date of the actual completion of the international search 08 February 2007 (08.02.2007)</p>		<p>Date of mailing of the international search report <b>17 APR 2007</b></p>												
<p>Name and mailing address of the ISA/US                  Mail Stop PCT, Attn: ISA/US, Commissioner for Patents                  P.O. Box 1450, Alexandria, Virginia 22313-1450                  Facsimile No. 571-273-3201</p>		<p>Authorized officer:                  Lee W. Young                  PCT Helpdesk: 571-272-4300                  PCT OSP: 571-272-7774</p>												