

Title (en)
COLOR ELECTRO-OPTIC DISPLAYS

Title (de)
ELEKTROOPTISCHE FARBANZEIGEN

Title (fr)
ÉCRANS ÉLECTRO-OPTIQUES COULEUR

Publication
EP 2064589 A4 20100609 (EN)

Application
EP 07842127 A 20070910

Priority
• US 2007077988 W 20070910
• US 82593306 P 20060918

Abstract (en)
[origin: WO2008036519A2] A color filter array is provided in an electro-optic display by ink jet printing a plurality of colored areas (22R, 22G, 22B) on one surface of a layer of electro-optic material (12), an adhesive layer or a protective layer. Alternatively, the ink jet printing may be effected on the same layers in various sub-assemblies used to produce electro-optic displays.

IPC 8 full level
G02F 1/167 (2019.01); **G02F 1/1675** (2019.01); **G02F 1/1335** (2006.01)

CPC (source: EP KR US)
G02F 1/167 (2013.01 - EP KR US); **G02F 1/1675** (2018.12 - EP KR US); **G02F 1/133516** (2013.01 - EP KR); **G02F 2202/28** (2013.01 - KR); **G02F 2203/055** (2013.01 - KR)

Citation (search report)
• [XYI] US 2003063369 A1 20030403 - KAWAI HIDEYUKI [JP]
• [YD] US 2004155857 A1 20040812 - DUTHALER GREGG M [US], et al
• See references of WO 2008036519A2

Citation (examination)
US 2007109219 A1 20070517 - WHITESIDES THOMAS H [US], et al

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2008036519 A2 20080327; WO 2008036519 A3 20080626; EP 2064589 A2 20090603; EP 2064589 A4 20100609; EP 2487540 A1 20120815; JP 2010503895 A 20100204; JP 2012226382 A 20121115; KR 101237262 B1 20130227; KR 20090042323 A 20090429

DOCDB simple family (application)
US 2007077988 W 20070910; EP 07842127 A 20070910; EP 12003461 A 20070910; JP 2009528409 A 20070910; JP 2012180925 A 20120817; KR 20097005508 A 20070910