Title (en)

ELECTROCHROMIC DISPLAY APPARATUS

Title (de)

ELEKTROCHROME ANZEIGEVORRICHTUNG

Title (fr)

APPAREIL D'AFFICHAGE ÉLECTROCHROMIQUE

Publication

EP 2425297 A4 20120307 (EN)

Application

EP 10769819 A 20100422

Priority

- JP 2010057645 W 20100422
- JP 2009112006 A 20090501

Abstract (en)

[origin: WO2010126121A1] An electrochromic display apparatus includes a display substrate; an opposite substrate disposed opposite the display substrate; an opposite electrode disposed on the opposite substrate; a plurality of display electrodes disposed between the display substrate and the opposite electrode, the display electrodes being electrically isolated from each other; a plurality of electrochromic layers disposed on the corresponding display electrodes; and an electrolyte disposed between the display electrodes and the opposite electrode. An electric resistance between one display electrode and another display electrode is greater than an electric resistance of the one or the other display electrode. One or more display electrodes that are disposed between the display electrode closest to the display substrate and the opposite electrode are configured to be permeable to the electrolyte.

IPC 8 full level

G02F 1/155 (2006.01); **G02F 1/153** (2006.01); G02F 1/1503 (2019.01)

CPC (source: EP KR)

G02F 1/153 (2013.01 - EP KR); **G02F 1/155** (2013.01 - KR); G02F 1/1347 (2013.01 - EP); G02F 1/1503 (2018.12 - EP); G02F 1/15165 (2018.12 - EP); G02F 2001/164 (2018.12 - EP)

Citation (search report)

- [XP] JP 2009163005 A 20090723 - RICOH KK
- [XP] JP 2010033016 A 20100212 - RICOH KK
- [XYI] WO 2004017134 A1 20040226 - KONINKL PHILIPS ELECTRONICS NV [NL], et al
- [Y] US 2006204866 A1 20060914 - HIRANO SHIGENOBU [JP], et al
- [Y] JP 2006071767 A 20060316 - HITACHI CHEMICAL CO LTD
- See references of WO 2010126121A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

JP 2010057645 W 20100422; CN 201080018734 A 20100422; EP 10769819 A 20100422; KR 20117026054 A 20100422; TW 99113951 A 20100430