

Title (en)

ELECTROWETTING CELL AND METHOD OF MANUFACTURING AN ELECTROWETTING CELL

Title (de)

ELEKTROWETTINGSZELLE UND VERFAHREN ZUR HERSTELLUNG EINER ELEKTROWETTINGSZELLE

Title (fr)

CELLULE D'ELECTROMOUILLAGE ET PROCEDE DE FABRICATION D'UNE CELLULE D'ELECTROMOUILLAGE

Publication

EP 1747490 A2 20070131 (EN)

Application

EP 05733790 A 20050503

Priority

- IB 2005051438 W 20050503
- EP 04101996 A 20040507
- EP 04105940 A 20041119
- EP 05733790 A 20050503

Abstract (en)

[origin: WO2005109073A2] The electrowetting cell (15) comprises an outer wall (90) and an inner wall (80), said outer wall (90) being provided with extensions (85,86) extending on opposing sides of the inner wall (80). The cell (15) is further provided with a membrane (45) for volume expansion and is sealed through an electroplated layer (95).

IPC 8 full level

G02B 3/14 (2006.01); **G02B 26/02** (2006.01)

CPC (source: EP KR US)

G02B 3/14 (2013.01 - EP KR US); **G02B 26/005** (2013.01 - EP US); **G02B 26/02** (2013.01 - KR)

Citation (search report)

See references of WO 2005109073A2

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

WO 2005109073 A2 20051117; WO 2005109073 A3 20060316; EP 1747490 A2 20070131; JP 2007536592 A 20071213; KR 20070015189 A 20070201; US 2007163876 A1 20070719

DOCDB simple family (application)

IB 2005051438 W 20050503; EP 05733790 A 20050503; JP 2007512645 A 20050503; KR 20067023034 A 20061102; US 56873405 A 20050503