

Title (en)

ELECTRICALLY-CONTROLLABLE FILM HAVING VARIABLE OPTICAL AND/OR ENERGY PROPERTIES

Title (de)

ELEKTRISCH STEUERBARER FILM MIT VARIABLEN OPTISCHEN UND/ODER ENERGIEEIGENSCHAFTEN

Title (fr)

FILM ELECTROCOMMANDABLE A PROPRIETES OPTIQUES ET/OU ENERGETIQUES VARIABLES

Publication

**EP 1649320 A1 20060426 (FR)**

Application

**EP 04767671 A 20040713**

Priority

- FR 2004001841 W 20040713
- FR 0308647 A 20030716

Abstract (en)

[origin: FR2857759A1] An electro-controlled device with optical/energy properties of variable transmission or reflection is formed as a self-supporting film. This film is formed from a mixture of at least one first element, adapted to provide an electro-chrome function, and at least one second element , adapted to provide an electrolyte function for transporting ionic charges at the core of the mixture. Independent claims are also included for the following: (a) a system incorporating at least one of these devices; (b) a method for the production of the electro-controlled device.

IPC 1-7

**G02F 1/15**

IPC 8 full level

**G02F 1/15** (2006.01)

CPC (source: EP KR US)

**G02F 1/15165** (2018.12 - EP US); **G02F 1/1525** (2013.01 - EP KR US); **G02F 2001/15145** (2018.12 - EP KR US)

Citation (search report)

See references of WO 2005008326A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**FR 2857759 A1 20050121**; **FR 2857759 B1 20051223**; AR 047555 A1 20060125; BR PI0412642 A 20060926; CN 1823297 A 20060823; EP 1649320 A1 20060426; JP 2007529025 A 20071018; KR 20060065630 A 20060614; MX PA06000602 A 20060411; US 2007041074 A1 20070222; WO 2005008326 A1 20050127

DOCDB simple family (application)

**FR 0308647 A 20030716**; AR P040102513 A 20040716; BR PI0412642 A 20040713; CN 200480020456 A 20040713; EP 04767671 A 20040713; FR 2004001841 W 20040713; JP 2006519956 A 20040713; KR 20067000921 A 20060113; MX PA06000602 A 20040713; US 56419504 A 20040713