Title (en)

STRUCTURED TRANSFLECTORS FOR LIQUID CRYSTAL DISPLAYS

Title (de)

STRUKTURIERTE TRANSFLEKTOREN FÜR FLÜSSIGKRISTALLANZEIGEN

Title (fr)

TRANSFLECTEURS STRUCTURES DESTINES A DES AFFICHEUR A CRISTAUX LIQUIDES

Publication

**EP 1631860 A1 20060308 (EN)**

Application

**EP 04750696 A 20040427**

Priority

- US 2004012866 W 20040427
- US 42960103 A 20030505
- US 82869304 A 20040421

Abstract (en)

[origin: WO2004099869A1] According to the invention, a color transflective dispplay device uses comprises a transmissive display unit having a viewing side and a back side and defining picture elements. A structured transflector is disposed to the back side of the color display unit. The structured transflector includes a structured surface and a layered dielectric reflector disposed over the structured surface.

IPC 1-7

**G02F 1/1335**; G02B 5/09

IPC 8 full level

**G02B 27/14** (2006.01); **G02F 1/1335** (2006.01)

CPC (source: EP KR)

**G02B 5/30** (2013.01 - KR); **G02B 27/142** (2013.01 - EP); **G02B 27/147** (2013.01 - EP); **G02F 1/1335** (2013.01 - KR); **G02F 1/133555** (2013.01 - EP)

Citation (search report)

See references of WO 2004099869A1

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)

**WO 2004099869 A1 20041118**; EP 1631860 A1 20060308; JP 2007525692 A 20070906; KR 20050118739 A 20051219

DOCDB simple family (application)

**US 2004012866 W 20040427**; EP 04750696 A 20040427; JP 2006513346 A 20040427; KR 20057020931 A 20051104