

Title (en)

LIQUID CRYSTAL MEDIUM AND LIQUID CRYSTAL DISPLAY WITH A HIGHLY TWISTED STRUCTURE

Title (de)

FLÜSSIGKRISTALLINES MEDIUM UND FLÜSSIGKRISTALLANZEIGE MIT HOHER VERDRILLUNG

Title (fr)

SUBSTANCE A CRISTAUX LIQUIDES ET UNITE D'AFFICHAGE A CRISTAUX LIQUIDES PRESENTANT UNE STRUCTURE HAUTEMENT TORSADEE

Publication

**EP 1567614 A1 20050831 (DE)**

Application

**EP 03779911 A 20031113**

Priority

- DE 10257218 A 20021207
- EP 0312693 W 20031113

Abstract (en)

[origin: WO2004053022A1] The invention relates to a liquid crystal medium with a highly twisted structure, to the use of said medium for optoelectronic applications in the fields of non-linear optics (NLO) and laser optics and to electrooptic devices, displays and lasers containing said medium.

IPC 1-7

**C09K 19/58**

IPC 8 full level

**C09K 19/58** (2006.01)

CPC (source: EP US)

**C09K 19/586** (2013.01 - EP US); **C09K 19/588** (2013.01 - EP US); **C09K 2323/00** (2020.08 - EP US); **H01S 3/1686** (2013.01 - EP US)

Citation (search report)

See references of WO 2004053022A1

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 PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2004053022 A1 20040624**; AU 2003288049 A1 20040630; CN 100343365 C 20071017; CN 1723261 A 20060118; DE 10354222 A1 20040624; DE 10354222 B4 20130307; EP 1567614 A1 20050831; JP 2006509078 A 20060316; TW 200420712 A 20041016; TW I345584 B 20110721; US 2006027784 A1 20060209; US 7452575 B2 20081118

DOCDB simple family (application)

**EP 0312693 W 20031113**; AU 2003288049 A 20031113; CN 200380105315 A 20031113; DE 10354222 A 20031120; EP 03779911 A 20031113; JP 2004557905 A 20031113; TW 92134406 A 20031205; US 53780505 A 20050607