

Title (en)

Liquid crystal display for curved surfaces

Title (de)

Flüssigkristallanzeige zur Approximation einer gekrümmten Oberfläche

Title (fr)

Dispositif d'affichage à cristaux liquides pour une surface courbée

Publication

**EP 1460610 B1 20070110 (DE)**

Application

**EP 04005033 A 20040303**

Priority

DE 20304341 U 20030318

Abstract (en)

[origin: EP1460610A2] LCD contains several flat LCD elements (1), each containing liquid crystal between two energising electrodes and located tangentially to display surface (sigma). Behind LCD elements, in view direction, is located illuminator (2), such as to illuminate all elements uniformly in view direction. Illuminator contains reflector (3) for uniform light reflection onto all elements, using suitable light source (4). Typically illuminator extends in display plane. Reflector may have sections of different reflection power and/or non-reflecting ones.

IPC 8 full level

**G09F 9/35** (2006.01)

CPC (source: EP)

**G09F 9/35** (2013.01)

Cited by

DE102014205243A1

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)

**EP 1460610 A2 20040922; EP 1460610 A3 20041201; EP 1460610 B1 20070110**; DE 20304341 U1 20040729; DE 502004002591 D1 20070222

DOCDB simple family (application)

**EP 04005033 A 20040303**; DE 20304341 U 20030318; DE 502004002591 T 20040303