

Title (en)

ILLUMINATION DEVICE FOR A TRANSMISSIVELY OPERATING FLAT SCREEN

Title (de)

BELEUCHTUNGSVORRICHTUNG FÜR EINEN TRANSMISSIV BETRIEBENEN FLACHEN BILDSCHIRM

Title (fr)

DISPOSITIF D'ECLAIRAGE DESTINE A UN ECRAN PLAT FONCTIONNANT DE MANIERE TRANSMISSIVE

Publication

EP 1259755 A1 20021127 (DE)

Application

EP 01925288 A 20010216

Priority

- DE 0100614 W 20010216
- DE 10006783 A 20000218

Abstract (en)

[origin: WO0161239A1] An illumination device (1), for a transmissively operating flat screen is disclosed, comprising a flat light guide (2), extending over the surface of the screen for arrangement on the rear side of the screen. In the mounted state the light guide comprises a microprism, or microprism-like structure on the surface facing the rear surface of the screen and which may have light injected in the region of a side surface (3). According to the invention, the light guide (2) tapers in cross-section, viewed from the side surface (3) into which light may be injected, to the opposing side in the form of a wedge, whereby the prisms (8) of the microprisms or microprism-like structures are unsymmetrical.

IPC 1-7

F21V 8/00

IPC 8 full level

G02B 6/00 (2006.01); **F21V 8/00** (2006.01); **G02F 1/13357** (2006.01); **F21Y 103/00** (2006.01)

CPC (source: EP)

G02B 6/0038 (2013.01); **G02B 6/0048** (2013.01); **G02B 6/0053** (2013.01)

Citation (search report)

See references of WO 0161239A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

WO 0161239 A1 20010823; DE 10006783 A1 20010906; EP 1259755 A1 20021127; JP 2003523611 A 20030805

DOCDB simple family (application)

DE 0100614 W 20010216; DE 10006783 A 20000218; EP 01925288 A 20010216; JP 2001560591 A 20010216