

Title (en)

Lighting or signalling device with depth effect

Title (de)

Vorrichtung zur Beleuchtung oder Signalisierung mit Tiefenwirkung

Title (fr)

Dispositif d'eclairage ou de signalisation avec effet de profondeur

Publication

EP 1850064 B1 20150506 (FR)

Application

EP 07290461 A 20070413

Priority

FR 0603640 A 20060424

Abstract (en)

[origin: EP1850064A1] The device has a light source e.g. LED type, emitting a light beam comprising a set of light signals in the direction of an output block, where the output block comprises a stack of screens or optical systems (100). Each screen comprises an entry face (101) receiving the light signals and an exit face (102). The entry face and the exit face of each screen are joined by a top face (103) and a bottom face for defining a screen thickness between the top and the bottom faces. One of the screens comprises an optical pattern (104) produced in the screen thickness in question. An independent claim is also included for a screen for use in a lighting or signaling device.

IPC 8 full level

F21S 8/12 (2006.01); **F21S 8/10** (2006.01); **F21W 101/10** (2006.01); **F21W 101/12** (2006.01); **F21W 101/14** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)

F21S 41/24 (2017.12 - EP US); **F21S 43/239** (2017.12 - EP US); **F21S 43/243** (2017.12 - EP US); **F21S 43/249** (2017.12 - EP US)

Cited by

FR3044744A1; FR3124844A1; WO2017098107A1; DE102013225950A1; WO2015086307A1; EP2347173B1; WO2023275100A1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1850064 A1 20071031; **EP 1850064 B1 20150506**; CN 101063515 A 20071031; FR 2900220 A1 20071026; FR 2900220 B1 20080718; JP 2007294459 A 20071108; US 2007247862 A1 20071025

DOCDB simple family (application)

EP 07290461 A 20070413; CN 200710101241 A 20070424; FR 0603640 A 20060424; JP 2007113621 A 20070424; US 73859307 A 20070423