

Title (en)

Light emitting device with finger-shaped light guide element and reflector comprising two facets

Title (de)

Leuchtvorrichtung mit fingerförmigem Lichtleiterelement und dazugehörigen Reflektor mit zwei Reflektorpartien

Title (fr)

Dispositif d'éclairage avec un élément conducteur de lumière en forme de doigt et un réflecteur comportant deux facettes

Publication

EP 2743565 B1 20160601 (DE)

Application

EP 12197421 A 20121217

Priority

EP 12197421 A 20121217

Abstract (en)

[origin: EP2743565A1] The device (01) has light source (02) that emits light via through light input surface (04) of optical waveguide element (03). A reflector (07) is arranged between light source and the light input surface. Light reflected from sub-reflector portion (08) is collimated free of interaction with side walls (06) of optical waveguide element, and passed through light exit surface (05). The light reflected from sub-reflector portion (09) is interacted with side walls of optical waveguide element, and propagated light emerging from interaction is passed via light exit surface. An independent claim is included for a motor vehicle lamp.

IPC 8 full level

F21S 8/10 (2006.01)

CPC (source: EP)

F21S 43/14 (2017.12); **F21S 43/237** (2017.12); **F21S 43/243** (2017.12); **F21S 43/40** (2017.12)

Cited by

CN108302471A; FR3109203A1; US10018317B2; WO2021205084A1; WO2017015684A1; US11906127B2

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 2743565 A1 20140618; EP 2743565 B1 20160601; SI 2743565 T1 20161028

DOCDB simple family (application)

EP 12197421 A 20121217; SI 201230688 A 20121217