

Title (en)

Multifunctional lighting/signalling device for a motor vehicle

Title (de)

Multifunktions-Beleuchtungs-/Signalisierungsvorrichtung für Kraftfahrzeug

Title (fr)

Dispositif d'éclairage / signalisation multifonctions pour véhicule automobile

Publication

**EP 2546569 B1 20140312 (FR)**

Application

**EP 12175597 A 20120709**

Priority

FR 1156396 A 20110713

Abstract (en)

[origin: EP2546569A2] The device has a multifunction bending beam formed by an optical polyhedron (1) having more than two reflective optical facets, where each facet includes an optical edge for bending/transmitting a light beam (F) for generating a specific lighting/signaling function. The polyhedron is rotatable about a rotation axis (YY) orthogonal to an optical axis (ZZ). A resource (2) selects and controls the edge for bending/transmitting the beam for returning the edge in a light beam interception position in the vicinity of a focus by controlling rotation of the polyhedron.

IPC 8 full level

**F21S 8/12** (2006.01); **F21V 14/08** (2006.01); **F21W 101/10** (2006.01); **F21W 107/10** (2018.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

**F21S 41/148** (2017.12 - EP US); **F21S 41/255** (2017.12 - EP); **F21S 41/321** (2017.12 - EP); **F21S 41/365** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP); **F21S 41/60** (2017.12 - EP); **F21S 41/675** (2017.12 - EP); **F21S 41/683** (2017.12 - EP); **F21S 41/698** (2017.12 - EP US)

Cited by

CN109027956A; EP2990264A3; FR3025151A1; FR3028002A1; FR3028005A1; EP3382265A1; EP3369987A1; EP2853804A1; US10501012B2

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 2546569 A2 20130116; EP 2546569 A3 20130313; EP 2546569 B1 20140312**; FR 2977927 A1 20130118; FR 2977927 B1 20130823

DOCDB simple family (application)

**EP 12175597 A 20120709**; FR 1156396 A 20110713