

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)

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

DOCDB simple family (application)

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