

Title (en)

Lighting module for a vehicle headlamp comprising several light sources

Title (de)

Leuchtmodul für einen Kraftfahrzeugscheinwerfer mit mehreren Lichtquellen

Title (fr)

Module d'éclairage pour projecteur de véhicule automobile comprenant plusieurs sources lumineuses

Publication

EP 2730838 B1 20200422 (FR)

Application

EP 13192221 A 20131108

Priority

FR 1260695 A 20121112

Abstract (en)

[origin: EP2730838A1] The module (2) has a set of light sources that is placed successively along a curve (4), a cylindrical reflector (8) and a lens (10) that is ready to receive light of each light source. A set of reflectors is arranged so as to form a luminous spot for the light emitted by the light sources. Luminous distribution in the luminous spot is modified with regard to luminous distribution of the light sources. The lens presents two foci and a focal zone, where the lens is arranged such that images of object formed by the lens are placed on the foci so as to allow the images to be sharp.

IPC 8 full level

F21S 41/147 (2018.01); **F21S 41/155** (2018.01); **F21S 41/275** (2018.01); **F21S 41/32** (2018.01); **F21S 41/663** (2018.01); **F21V 7/04** (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)

F21S 41/148 (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/155** (2017.12 - EP); **F21S 41/275** (2017.12 - EP); **F21S 41/323** (2017.12 - EP); **F21S 41/663** (2017.12 - EP); **F21V 7/043** (2013.01 - EP US)

Cited by

FR3130011A1; WO2023104833A1; EP3141804A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 2730838 A1 20140514; **EP 2730838 B1 20200422**; FR 2998036 A1 20140516; FR 2998036 B1 20150501; JP 2014096368 A 20140522; JP 6309246 B2 20180411

DOCDB simple family (application)

EP 13192221 A 20131108; FR 1260695 A 20121112; JP 2013232705 A 20131111