

Title (en)

LIGHTING SYSTEM, IN PARTICULAR FOR A MOTOR VEHICLE LIGHTING MEMBER, COMPRISING A LIGHT-EMITTING ELEMENT OFFSET FROM THE LIGHT SOURCE

Title (de)

BELEUCHTUNGSSYSTEM, INSBESONDERE FÜR EIN KRAFTFAHRZEUGBELEUCHTUNGSELEMENT, MIT EINEM VON DER LICHTQUELLE VERSETZEN LICHTEMITTIERENDEN ELEMENT

Title (fr)

SYSTEME D'ECLAIRAGE, NOTAMMENT POUR UN ORGANE D'ECLAIRAGE DE VEHICULE AUTOMOBILE, A ELEMENT LUMINEUX DEPORTE DE LA SOURCE DE LUMIERE

Publication

EP 3024699 A1 20160601 (FR)

Application

EP 14749927 A 20140718

Priority

- FR 1357169 A 20130722
- FR 2014051854 W 20140718

Abstract (en)

[origin: WO2015011382A1] The invention relates to a lighting system (10) comprising: a printed circuit board (12) equipped with LED (14) emitting light beams (15) in lighting directions (L); an optical module (16) formed to propagate and transmit said light beams (15), having a reception surface (18) for receiving light beams and an emission surface (19) for emitting light beams; and at least one masking element (20) for masking the light beams emitted by said LEDs, which masking element extends: from at least one LED towards the reception surface; substantially parallel to the lighting direction of the at least one LED over at least part of the periphery of the at least one LED and over at least part of the distance separating the LED and the reception surface.

IPC 8 full level

B60Q 3/04 (2006.01); **F21S 8/10** (2006.01)

CPC (source: EP US)

B60Q 1/0052 (2013.01 - EP US); **B60Q 1/2696** (2013.01 - EP US); **B60Q 3/64** (2017.01 - EP US); **B60Q 3/74** (2017.01 - EP US);
F21S 43/14 (2017.12 - EP US); **F21S 43/241** (2017.12 - EP US); **F21S 43/243** (2017.12 - EP US); **F21S 43/249** (2017.12 - EP US);
F21S 43/27 (2017.12 - EP US); **F21S 43/31** (2017.12 - EP US); **F21S 43/40** (2017.12 - EP US); **F21S 43/50** (2017.12 - EP US);
F21S 43/51 (2017.12 - EP US)

Citation (search report)

See references of WO 2015011382A1

Citation (examination)

- US 2003086276 A1 20030508 - OHTSUKA YASUSHI [JP], et al
- US 2010195342 A1 20100805 - LAMBERT CHAD D [CA], et al
- US 2006104077 A1 20060518 - OSHIO HIROHIKO [JP], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

FR 3008775 A1 20150123; FR 3008775 B1 20171229; CN 105473383 A 20160406; CN 105473383 B 20190806; EP 3024699 A1 20160601;
JP 2017506792 A 20170309; JP 6561053 B2 20190814; KR 102116081 B1 20200605; KR 20160039221 A 20160408;
US 2016161073 A1 20160609; US 9821711 B2 20171121; WO 2015011382 A1 20150129

DOCDB simple family (application)

FR 1357169 A 20130722; CN 201480046465 A 20140718; EP 14749927 A 20140718; FR 2014051854 W 20140718;
JP 2016528583 A 20140718; KR 20167004556 A 20140718; US 201414906188 A 20140718