

Title (en)

LIGHT-EMITTING DIODE LIGHTING SYSTEM AND SCANNING DEVICE, FOR AN AUTOMOTIVE VEHICLE HEADLIGHT

Title (de)

LEUCHTDIODENBELEUCHTUNGSSYSTEM UND ABTASTVORRICHTUNG FÜR EINEN KRAFTFAHRZEUGSCHEINWERFER

Title (fr)

SYSTÈME D'ÉCLAIRAGE À DIODE ÉLECTROLUMINESCENTE ET DISPOSITIF DE BALAYAGE, POUR PROJECTEUR DE VÉHICULE AUTOMOBILE

Publication

**EP 3458772 A1 20190327 (FR)**

Application

**EP 17727300 A 20170511**

Priority

- FR 1654346 A 20160517
- FR 2017051147 W 20170511

Abstract (en)

[origin: WO2017198931A1] The lighting system (1) comprises a light source (2) comprising at least one light-emitting diode (3) and a scanning device (5A) receiving the light radiation (R) generated by the light source (2), the scanning device (5A) comprising at least one rotatably mobile reflection system (6A) and a unit (7A) for moving the reflection system (6A), the light source (2) being configured so that a generally substantially rectangular light beam (F), oriented along a first direction, is emitted, the scanning device (5A) scanning the generally substantially rectangular light beam along a second direction, substantially orthogonal to said first direction, the scanning being carried out at a speed making it possible to benefit from a persistence of vision, and an activation/deactivation control of the light source (2) being synchronised with the scanning of the scanning device (5A).

CPC (source: EP US)

**F21S 41/148** (2017.12 - EP US); **F21S 41/151** (2017.12 - EP US); **F21S 41/25** (2017.12 - EP US); **F21S 41/663** (2017.12 - EP US); **F21S 41/675** (2017.12 - EP US)

Citation (search report)

See references of WO 2017198931A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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DOCDB simple family (publication)

**WO 2017198931 A1 20171123**; CN 109477622 A 20190315; CN 109477622 B 20220527; EP 3458772 A1 20190327; FR 3051540 A1 20171124; FR 3051540 B1 20200417; JP 2019516613 A 20190620; JP 6884161 B2 20210609; US 2019154227 A1 20190523

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