

Title (en)

Motor vehicle headlamp with a semiconductor light source

Title (de)

Kraftfahrzeugscheinwerfer mit einer Halbleiterlichtquelle

Title (fr)

Phare de véhicule automobile équipé d'une source lumineuse semi-conductrice

Publication

EP 2505910 A3 20130828 (DE)

Application

EP 12161419 A 20120327

Priority

DE 102011006380 A 20110329

Abstract (en)

[origin: EP2505910A2] The motor vehicle headlight (10) has semiconductor light source (12) and a lens (14) with a projection lens (16) influences a propagation direction of light within the headlight. The projection lens has a main surface (18) and is arranged against an optical axis (28). A point of the main surface of the projection lens has an axial distance (d-32) to the semiconductor light source in the direction of the optical axis. The point is located at a radial distance from the optical axis above the optical axis.

IPC 8 full level

F21S 8/12 (2006.01); **F21V 1/00** (2006.01); **F21V 5/00** (2006.01); **F21V 7/00** (2006.01); **F21V 11/16** (2006.01); **F21W 107/10** (2018.01)

CPC (source: EP US)

F21S 41/143 (2017.12 - EP US); **F21S 41/26** (2017.12 - EP); **F21S 41/285** (2017.12 - EP); **F21S 41/322** (2017.12 - EP US);
F21S 45/47 (2017.12 - EP US)

Citation (search report)

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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

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EP 2505910 A2 20121003; **EP 2505910 A3 20130828**; **EP 2505910 B1 20191113**; CN 102734732 A 20121017; CN 102734732 B 20160831;
DE 102011006380 A1 20121004

DOCDB simple family (application)

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