

Title (en)  
Headlamp for vehicles

Title (de)  
Scheinwerfer für Fahrzeuge

Title (fr)  
Phare pour véhicules

Publication  
**EP 2034235 B1 20131106 (DE)**

Application  
**EP 07115634 A 20070904**

Priority  
EP 07115634 A 20070904

Abstract (en)  
[origin: EP2034235A1] The headlamp has a projection lighting unit (1) for generating a predetermined light distribution e.g. autobahn light distribution. The projection lighting unit includes a light source device (2) e.g. LED luminous element chip, attached to a reflector device (3) and a lens (5) pre-located in the direction of the light beam of the reflector device. The reflector device is opened in a unique direction, and extends in a region between a plane of extension of the light source device and an optical axis (7) of the lens.

IPC 8 full level  
**F21S 8/10** (2006.01)

CPC (source: EP US)  
**F21S 41/148** (2017.12 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
CN108954213A; US11079085B2; WO2011045103A1; WO2019211120A1; US11274802B2; DE102021128465A1; EP2357398B1; WO2021008865A1; US11739901B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2034235 A1 20090311; EP 2034235 B1 20131106**

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