

Title (en)  
Lighting module for vehicle headlight

Title (de)  
Beleuchtungseinheit für Fahrzeugscheinwerfer

Title (fr)  
Module d'éclairage pour projecteur de véhicule

Publication  
**EP 1434002 B1 20061011 (FR)**

Application  
**EP 03293063 A 20031208**

Priority  
FR 0216430 A 20021220

Abstract (en)  
[origin: EP1434002A1] The module (1) has a first reflector (2) for reflecting light rays from a LED (5) fixed near the first focus (F1) of the first reflector. A second reflector (3) produces the rays at an outlet with a focus fixed at a vicinity of second focus (F2) of the first reflector. A third reflector (4) is positioned between the first and second reflectors, where the third reflector has a cutting edge (9) fixed near the second focus to cut the rays. An Independent claim is also included for a method of manufacturing a module.

IPC 8 full level  
**F21V 7/00** (2006.01); **F21S 8/10** (2006.01); **F21V 11/16** (2006.01); **F21V 13/10** (2006.01); **F21V 17/00** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)  
**F21S 41/148** (2017.12 - EP US); **F21S 41/321** (2017.12 - EP US); **F21S 41/365** (2017.12 - EP US); **F21S 41/43** (2017.12 - EP US); **F21V 13/10** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by  
EP1772666A1; EP1528312A1; DE102009040753A1; FR2964724A1; CN103119360A; CN106885196A; EP1881264A1; FR2904091A1; EP1843085A1; FR2899668A1; US7607806B2; EP2131098A1; WO2007057818A3; WO2012013601A1; WO2007057818A2; US7798691B2; US9347639B2; US9885454B2; US7543964B2; US9121561B2; US9500337B2; EP1708513B1; EP2168812A1

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

DOCDB simple family (publication)  
**EP 1434002 A1 20040630; EP 1434002 B1 20061011**; AT E342472 T1 20061115; DE 60308989 D1 20061123; DE 60308989 T2 20070614; ES 2274189 T3 20070516; FR 2849158 A1 20040625; FR 2849158 B1 20051209; JP 2004207235 A 20040722; JP 4537047 B2 20100901; US 2004130907 A1 20040708; US 6966675 B2 20051122

DOCDB simple family (application)  
**EP 03293063 A 20031208**; AT 03293063 T 20031208; DE 60308989 T 20031208; ES 03293063 T 20031208; FR 0216430 A 20021220; JP 2003418936 A 20031217; US 73811103 A 20031216