

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

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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

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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

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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