

Title (en)

Elliptical lighting module without screen providing a cut-off beam and headlamp comprising the same

Title (de)

Elliptische Beleuchtungsbaugruppe ohne Lichtblende zur Erzeugung eines Abblendlichtes und Scheinwerfer mit einer derartigen Beleuchtungsbaugruppe

Title (fr)

Module d'éclairage elliptique sans cache réalisant un faisceau d'éclairage à coupure et projecteur comportant un tel module

Publication

EP 1357334 B2 20180530 (FR)

Application

EP 03290971 A 20030418

Priority

FR 0205323 A 20020425

Abstract (en)

[origin: EP1357334A1] The headlamp has an elliptical reflector (12) with a rear reflecting surface (18,20) and a light source (14) positioned at a first focus (F1) of the reflector, and a convergent front lens (16) with its focal plane at the second focus (F2) of the reflector. The reflector has a flat horizontal surface (22) with a reflective upper face, passing through the second focus of the reflector.

IPC 8 full level

F21V 7/00 (2006.01); **F21S 8/10** (2006.01); **F21S 8/12** (2006.01); **F21V 7/05** (2006.01); **F21V 7/08** (2006.01); **F21V 11/16** (2006.01); **F21V 13/00** (2006.01); **F21V 13/04** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/02** (2006.01)

CPC (source: EP US)

F21S 41/148 (2017.12 - EP US); **F21S 41/24** (2017.12 - EP US); **F21S 41/255** (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 7/08** (2013.01 - EP US); **F21V 13/04** (2013.01 - EP US); **F21V 7/0008** (2013.01 - EP US); **F21Y 2115/10** (2016.07 - EP US)

Cited by

EP2410237A1; EP1666787A1; EP2410238A1; EP1610057A1; FR2872257A1; CN103238026A; FR2867839A1; EP1762776A1; FR2962784A1; FR2851030A1; DE102004005931B4; FR2962786A1; FR2890721A1; FR2888916A1; EP1746340A3; FR2860280A1; EP1528312A1; EP1548354A3; DE112017000365B4; EP1936260A1; FR2910592A1; FR2878938A1; FR2853951A1; FR2962785A1; EP1357332A3; US8899802B2; US9599302B2; EP1715245A1; FR2884899A1; WO2012072192A1; US7370997B2; EP2402647A2; DE102010025557A1; US7722233B2; US9447939B2; US7934861B2; US10107466B2; EP1708513B1; US8851722B2; US9677732B2; US9719645B2; US9732925B2; US7682057B2; US7261449B2; US8944649B2; US9243769B2; US9453628B2; US9458975B2; US9599303B2; US10018323B2

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