

Title (en)

Vehicle headlamp having a mirror and an associated deflection element capable of producing a beam with a non-horizontal cut-off

Title (de)

Kfz-Scheinwerfer mit einem Spiegel und dazu konjugiertem Umlenkelement zur Erzeugung eines Lichtbündels mit einer nicht horizontalen Hell-Dunkelgrenze

Title (fr)

Dispositif projecteur de véhicule automobile à miroir et élément de déviation conjugués avec coupure non plate

Publication

**EP 1400748 B1 20060426 (FR)**

Application

**EP 03292245 A 20030911**

Priority

FR 0211704 A 20020920

Abstract (en)

[origin: EP1400748A1] The headlamp has a reflector (80) and a transparent beam deflector placed in front of the reflector. The reflector is shaped to provide a flat-topped beam. The beam deflector controls the horizontal spread of the beam, without modifying the vertical spread. A prism (81) is formed on one surface of the reflector to provide a stepped cut-off line at the top of the beam.

IPC 8 full level

**F21V 5/00** (2006.01); **F21S 8/12** (2006.01); **F21V 7/00** (2006.01); **F21V 13/00** (2006.01); **F21W 101/10** (2006.01); **F21Y 101/00** (2016.01)

CPC (source: EP US)

**F21S 41/28** (2017.12 - EP US); **F21S 41/336** (2017.12 - EP US); **F21S 41/25** (2017.12 - EP US)

Cited by

FR2865021A1

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 1400748 A1 20040324**; **EP 1400748 B1 20060426**; AT E324555 T1 20060515; DE 60304783 D1 20060601; DE 60304783 T2 20070503; ES 2263931 T3 20061216; FR 2844867 A1 20040326; FR 2844867 B1 20050708; JP 2004119381 A 20040415; US 2004057245 A1 20040325; US 7101062 B2 20060905

DOCDB simple family (application)

**EP 03292245 A 20030911**; AT 03292245 T 20030911; DE 60304783 T 20030911; ES 03292245 T 20030911; FR 0211704 A 20020920; JP 2003330094 A 20030922; US 66531603 A 20030918