

Title (en)
DIPPED-BEAM HEADLIGHT FOR VEHICLES

Publication
EP 0200928 A3 19890315 (DE)

Application
EP 86104625 A 19860404

Priority
DE 3516813 A 19850510

Abstract (en)
[origin: EP0200928A2] The said light consists of an ellipsoid reflector, a light source arranged at the first focal point of the reflector, a collecting lens inserted in the beam path behind the second focal point and carried by an annular part of a frame connected to the reflector, and a diaphragm arranged in front of the collecting lens in the beam path and at the focal point of the collecting lens and adjustable for calibration. The upper essentially horizontal edge of the diaphragm generates the light/dark boundary. The frame and the diaphragm are produced in one part. The frame is formed by a cup-shaped sheet-metal part in which the bottom cutout is used for holding the lens and from the wall of which, forming the outer surface, arm-shaped webs are cut free. One of these webs is angled away towards the optical axis in such a manner that its upper edge forms the diaphragm edge generating the light/dark boundary. The other webs form the support arms of the frame. <IMAGE>

IPC 1-7
F21M 3/14; F21M 7/00

IPC 8 full level
F21S 8/12 (2006.01); **F21V 11/16** (2006.01); **F21V 13/00** (2006.01); **F21V 17/00** (2006.01)

CPC (source: EP)
F21S 41/295 (2017.12); **F21S 41/43** (2017.12); **F21S 41/47** (2017.12)

Citation (search report)
• [AD] DE 8430629 U1 19850207
• [A] GB 450348 A 19360715 - LESLIE ROBERT MORSHEAD

Cited by
WO9913264A1; FR2753148A1; DE19738831A1; US6099157A; DE102005002685A1; FR2767183A1; WO2013139896A1

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