

Title (en)

LOW PROFILE MAIN-BEAM HEADLAMP FOR MOTOR VEHICLES WITH A LARGE RECUPERATION OF LIGHT

Publication

EP 0312442 B1 19920102 (FR)

Application

EP 88402564 A 19881011

Priority

FR 8714114 A 19871013

Abstract (en)

[origin: EP0312442A1] The invention relates to a motor-vehicle headlamp of the type comprising a light filament (102), a reflector (200) and a closing glass. <??>According to the invention, the reflector comprises a bottom part (210) of the parabolic type and edge parts (222, 224) in the form of parabolic cylinders focused on the filament, and there are also deflection means, for example toric lenses (302, 304) which return the inclined light rays received horizontally from the filament towards the edge parts. <??>A greater proportion of the light flux is thus recovered, thereby making it possible to produce low-profile and high-efficiency headlamps. <IMAGE>

IPC 1-7

F21M 3/05

IPC 8 full level

F21S 8/10 (2006.01); **F21S 8/12** (2006.01); **F21V 5/00** (2006.01); **F21V 13/00** (2006.01)

CPC (source: EP US)

F21S 41/00 (2017.12 - US); **F21S 41/14** (2017.12 - EP US); **F21S 41/162** (2017.12 - EP US); **F21S 41/28** (2017.12 - EP); **F21S 41/285** (2017.12 - EP); **F21S 41/321** (2017.12 - EP US); **F21S 41/323** (2017.12 - EP); **F21S 41/33** (2017.12 - EP US); **F21S 41/333** (2017.12 - EP); **F21S 41/336** (2017.12 - EP)

Cited by

EP0419730A1; EP1467143A1; FR2853718A1; US5803576A

Designated contracting state (EPC)

DE ES GB IT

DOCDB simple family (publication)

EP 0312442 A1 19890419; **EP 0312442 B1 19920102**; DE 3867416 D1 19920213; ES 2029723 T3 19920901; FR 2621679 A1 19890414; FR 2621679 B1 19900209; JP 2622996 B2 19970625; JP H01132001 A 19890524; US 4899261 A 19900206

DOCDB simple family (application)

EP 88402564 A 19881011; DE 3867416 T 19881011; ES 88402564 T 19881011; FR 8714114 A 19871013; JP 25687288 A 19881012; US 25721188 A 19881013