

Title (en)

Lighting device for a motor vehicle

Title (de)

Kfz-Leuchte

Title (fr)

Dispositif d'éclairage pour véhicule automobile

Publication

EP 0742407 A1 19961113 (EN)

Application

EP 96107397 A 19960509

Priority

IT TO950381 A 19950512

Abstract (en)

Lighting device (1) comprising a non-parabolic reflector (3) with a continuous complex reflective surface that directly distributes the light beam in accordance with the regulations without the use of an external diffusing lens. The reflective surface is made up of four surface portions (4) generated by reflecting a portion bounded by a horizontal section line (5) and a vertical section line (6). The horizontal and vertical section lines (5) and (6) are chosen to provide the desired distribution of the luminous flux on the section in question and one is then transformed continuously into the other along a guide line (7) to generate the intermediate sections (15) in such a way that each point on the horizontal section line is moved to a corresponding point on the vertical section line. <IMAGE> <IMAGE>

IPC 1-7

F21M 3/08

IPC 8 full level

F21V 7/00 (2006.01)

CPC (source: EP US)

F21S 41/334 (2018.01 - EP US); **F21S 41/337** (2018.01 - EP)

Citation (search report)

- [X] GB 2282439 A 19950405 - KOITO MFG CO LTD [JP]
- [X] US 4495552 A 19850122 - GRAFF HENRY W [US]

Cited by

EP1225386A3

Designated contracting state (EPC)

DE ES FR GB

DOCDB simple family (publication)

EP 0742407 A1 19961113; EP 0742407 B1 20000913; DE 69610245 D1 20001019; DE 69610245 T2 20010222; ES 2151103 T3 20001216; IT 1279204 B1 19971204; IT TO950381 A0 19950512; IT TO950381 A1 19961112

DOCDB simple family (application)

EP 96107397 A 19960509; DE 69610245 T 19960509; ES 96107397 T 19960509; IT TO950381 A 19950512