

Title (en)
ANTI-DAZZLE HEADLIGHT FOR VEHICLES

Publication
EP 0012836 B1 19820331 (DE)

Application
EP 79104541 A 19791116

Priority
DE 2856448 A 19781228

Abstract (en)
[origin: EP0012836A1] 1. Dipping headlamp for vehicles with a paraboloidal reflector (1) with an approximately rectangular light exit aperture provided by an upper (3) and a lower (2) horizontal flattened portion and with a second reflector (9) which is located in this reflector above the horizontal plane (12) passing through the optical axis and having a shorter focal length and a small light exit aperture, and the focal point of which is located at least approximately at the focal point (F) of the outer reflector (1) and shortly before or at the start of the coiled lamp-filament (8), and which forms a length of a paraboloid of revolution which is opened towards the horizontal centre plane (12) of the outer reflector (1) and the lateral edges (16, 17) of which form a shadow edge extending above the horizontal plane (12) of the outer reflector (1) passing through the optical axis (11), characterised in that the lateral edges (16, 17) of the inner reflector (9) each extend in a plane (18, 19) which lies in the optical axis (11) and which forms with the horizontal plane (12) extending in the optical axis an acute angle (α) which amounts to approximately 20 degrees in the case of a focal length of the outer reflector (1) of 60 millimetres, the upper horizontal flattened portion (3) of the reflector (1), including the region of transition (14) to the parabolic reflection surface (13), being shaded off.

IPC 1-7
F21M 3/16; B60Q 1/04

IPC 8 full level
F21V 7/00 (2006.01)

CPC (source: EP US)
F21S 41/36 (2017.12 - EP US)

Cited by
EP0151794A3

Designated contracting state (EPC)
FR GB IT SE

DOCDB simple family (publication)
EP 0012836 A1 19800709; EP 0012836 B1 19820331; DE 2856448 A1 19800703; DE 2856448 B2 19810416; DE 2856448 C3 19811217

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