

Title (en)  
HEADLIGHT, ESPECIALLY FOR VEHICLES

Publication  
**EP 0417672 A3 19910828 (DE)**

Application  
**EP 90117327 A 19900908**

Priority  
DE 3930746 A 19890914

Abstract (en)  
[origin: EP0417672A2] In a headlight, especially for motor vehicles, having a light source arranged at the focal point of a reflector, a reflector which is configured such that it illuminates a wide area and which is an approximate parabolic section below the optical axis in a vertical section through the optical axis, and a lens which is essentially optically non-corrective and covers the light exit of the reflector, it is the case that in order to provide a headlight which in conjunction with low overall volume permits a high light yield for a large width of the illuminated area, is simple and cost effective, and manages without a corrective lens, the light source is a transverse filament extending perpendicularly to the optical axis and situated horizontally, the reflector is, in a horizontal section through the optical axis, a first approximate elliptical section with a short spacing of the focal points, and above the optical axis the reflector is, in a vertical section through the optical axis, a second approximate elliptical section with a large spacing of the focal points. <IMAGE>

IPC 1-7  
**F21M 3/08**

IPC 8 full level  
**F21V 7/00** (2006.01)

CPC (source: EP US)  
**F21S 41/335** (2017.12 - EP US)

Citation (search report)  
• [A] EP 0210406 A2 19870204 - BOSCH GMBH ROBERT [DE]  
• [A] US 4495552 A 19850122 - GRAFF HENRY W [US]  
• [A] GB 103334 A 19170122 - CORRELL PERCY EDWARD [AU]

Cited by  
FR2771797A1; WO9928672A1

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AT DK ES FR GB IT SE

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