

Title (en)

Headlight, especially for vehicles.

Title (de)

Scheinwerfer, insbesondere für Kraftfahrzeuge.

Title (fr)

Projecteur, notamment pour automobile.

Publication

**EP 0417672 B1 19940105 (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

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Cited by

FR2771797A1; WO9928672A1

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**EP 0417672 A2 19910320; EP 0417672 A3 19910828; EP 0417672 B1 19940105;** AT E99789 T1 19940115; DE 3930746 A1 19910328; DE 3930746 C2 19920305; ES 2047787 T3 19940301; US 5117336 A 19920526

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