

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>

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CPC (source: EP US)

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Cited by

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