

Title (en)  
Headlamp

Title (de)  
Scheinwerfer

Title (fr)  
Phare

Publication  
**EP 1008800 B1 20041013 (DE)**

Application  
**EP 99123874 A 19991202**

Priority  
DE 19857439 A 19981212

Abstract (en)  
[origin: EP1008800A2] The headlight has a reflector (2) holding a light source to form a light beam convergent in a focal plane (7) of the reflector, an arrangement for shading part of the beam and a light body (4) for producing a given light distribution. The light body is elongated in the light propagation direction to form a light guide element (10) and a lens element (11) with a curved light outlet surface after the guide element. A light input surface (8) of the guide element is placed near the focal point of the lens element and the reflector's focal plane.

IPC 1-7  
**F21S 8/12**

IPC 8 full level  
**F21S 8/12** (2006.01); **F21V 5/00** (2006.01); **F21V 7/00** (2006.01)

CPC (source: EP)  
**F21S 41/24** (2017.12); **F21S 41/28** (2017.12); **F21S 41/334** (2017.12)

Designated contracting state (EPC)  
DE ES FR IT

DOCDB simple family (publication)  
**EP 1008800 A2 20000614**; **EP 1008800 A3 20011017**; **EP 1008800 B1 20041013**; DE 19857439 A1 20000615; DE 59910823 D1 20041118; ES 2230788 T3 20050501

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