

Title (en)  
DIPPED-BEAM HEADLIGHT FOR VEHICLES

Publication  
**EP 0200929 B1 19911211 (DE)**

Application  
**EP 86104626 A 19860404**

Priority  
DE 3516812 A 19850510

Abstract (en)  
[origin: EP0200929A2] This headlight consists of an ellipsoid reflector, a light source arranged at the inner focal point of the reflector, a collecting lens inserted in the beam path behind the second focal point and carried by an annular part of a frame connected to the reflector, and a diaphragm arranged in front of the collecting lens in the beam path and at the focal point of the collecting lens. The annular part of the frame is circular and tapers in a part of its height in its inside diameter, seen in the direction of light emergence. The ring exhibits projections protruding radially inwards and distributed around its circumference, which are used as support points for the lens inserted from the direction of the small inside diameter. Between the lens and the inwardly tapering ring, a spring ring is inserted under pretension which presses into a gap formed by the lens and the ring without resting on the bottom of the gap and which presses the lens against the support points. <IMAGE>

IPC 1-7  
**F21M 3/14**; **F21M 7/00**

IPC 8 full level  
**F21S 8/10** (2006.01); **F21S 8/12** (2006.01); **F21V 5/00** (2006.01); **F21V 13/00** (2006.01); **F21V 17/00** (2006.01)

CPC (source: EP)  
**F21S 41/295** (2017.12); **F21S 41/47** (2017.12); **F21S 41/25** (2017.12)

Cited by  
FR2687761A1; CN104662357A; FR2687762A1; EP2327926A1; GB2321100A; GB2321100B; US6086231A

Designated contracting state (EPC)  
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