

Title (en)
VEHICLE HEADLIGHT.

Title (de)
SCHEINWERFER FÜR KRAFTFAHRZEUGE.

Title (fr)
PHARE POUR VEHICULE AUTOMOBILE.

Publication
EP 0487679 B1 19950524 (DE)

Application
EP 91911253 A 19910612

Priority
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• DE 4019641 A 19900620
• DE 4109657 A 19910323

Abstract (en)
[origin: WO9119938A1] The headlight proposed has a reflector (10) in which a gas-discharge lamp (11) is mounted. Located in the path of the light beam reflected by the reflector is a lens (17) by means of which one edge (15) of a shutter (14), used as a bright-dark boundary, is imaged. The lens (17) is designed as a filter which partially absorbs light, in particularly blue and UV light, thus generating heat and colouring the transmitted light, and is fitted in a mounting (28) connected to the reflector (10). Attached to the mounting (28) is a ceramic plate (34) with a reference refraction point (39), an electrical conduction track (37) being disposed on the ceramic plate. The conduction track (37) is connected by signal lines (38) to an electrical control unit (19). If, as a result of a collision, the ceramic plate (34) impacts with the lens (17), the ceramic plate breaks and the conduction track (37) is cut, thus preventing the control unit (19) from operating the gas-discharge lamp (11).

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F21V 9/06; F21V 25/04

IPC 8 full level
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