

Title (en)  
Motor-vehicle adaptive head-lamp having a central adjustable diaphragm

Title (de)  
Adaptiver Kraftfahrzeug-Scheinwerfer mit einer verstellbaren, zentralen Blende

Title (fr)  
Projecteur adaptif pour véhicule automobile avec un cache central ajustable

Publication  
**EP 1069374 A1 20010117 (EN)**

Application  
**EP 99830455 A 19990716**

Priority  
EP 99830455 A 19990716

Abstract (en)  
A motor-vehicle adaptive head-lamp has a diaphragm (6) located at the front of a central area of a reflector (2) with which a light source (3) is associated constituted by a discharge lamp. The annular area of the reflector (2) surrounding the central area is adapted to generate a light beam having a predetermined basic pattern. The opening of the diaphragm (6) uncovers an optical element (10) constituted by lens sectors adapted to generate additional patterns so as to give rise to a plurality of different beams, adapted to the different travel and environment conditions, which can be selected by varying the opening degree of the diaphragm (6). <IMAGE>

IPC 1-7  
**F21V 14/08**; **F21W 101/10**

IPC 8 full level  
**F21V 5/00** (2006.01); **F21V 14/08** (2006.01)

CPC (source: EP)  
**F21S 41/28** (2017.12); **F21S 41/692** (2017.12)

Citation (search report)  
• [A] FR 2699259 A1 19940617 - VALEO VISION [FR]  
• [A] DE 19642467 A1 19980416 - BOSCH GMBH ROBERT [DE]  
• [A] EP 0705730 A2 19960410 - BOSCH GMBH ROBERT [DE]

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**EP 1069374 A1 20010117**; **EP 1069374 B1 20050831**; DE 69927006 D1 20051006; DE 69927006 T2 20060622

DOCDB simple family (application)  
**EP 99830455 A 19990716**; DE 69927006 T 19990716