

Title (en)  
A headlamp for automobile vehicles

Title (de)  
Kraftfahrzeugscheinwerfer

Title (fr)  
Projecteur pour véhicules automobiles

Publication  
**EP 0936402 A1 19990818 (EN)**

Application  
**EP 99102421 A 19990208**

Priority  
IT TO980102 A 19980210

Abstract (en)  
A headlamp (1) for automobile vehicles comprising a reflector (2) having an optical axis (10) and defining a concavity, a lamp (3) housed in the concavity of the reflector (2), a dimmer body (11) adapted to intercept part of the light transmitted by the lamp (3), a support member (5) applied to the reflector (2) having a substantially cup-shaped support ring (12) which may be rigid with the dimmer body (11) and a polyellipsoidal cover (6) that can be secured to the support ring (12) by a bayonet connection (17, 21, 22) and which is adapted to direct the light reflected by the reflector (2) substantially in a direction parallel to the optical axis (10). <IMAGE>

IPC 1-7  
**F21M 7/00**

IPC 8 full level  
**F21V 17/00** (2006.01); **F21V 5/00** (2006.01)

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

Citation (search report)  
• [XY] DE 4029123 A1 19910321 - KOITO MFG CO LTD [JP]  
• [X] DE 19621254 A1 19971127 - BOSCH GMBH ROBERT [DE]  
• [X] FR 2537249 A1 19840608 - CIBIE PROJECTEURS [FR]  
• [YA] EP 0355529 A2 19900228 - HELLA KG HUECK & CO [DE]

Cited by  
DE102005002685A1; JP2014127298A; FR2836714A1; JP2014229346A; DE102012102922A1; JP2014229347A; EP4202291A1; EP3567305A1; CN110454742A; EP2157368A1; FR2935114A1; EP2385298A1; CN102252280A; US10006602B2; EP1684007A2; US12000554B2; US8616743B2; WO2014185511A1; WO03074251A1; US7234851B2; US7815478B2

Designated contracting state (EPC)  
DE ES FR GB

DOCDB simple family (publication)  
**EP 0936402 A1 19990818**; IT TO980102 A1 19990810

DOCDB simple family (application)  
**EP 99102421 A 19990208**; IT TO980102 A 19980210