

Title (en)

Vehicle head lamp

Title (de)

Scheinwerfer für Fahrzeuge

Title (fr)

Projecteur pour véhicule

Publication

**EP 0838629 A3 19990630 (DE)**

Application

**EP 97118136 A 19971018**

Priority

DE 19643462 A 19961022

Abstract (en)

[origin: US5911333A] The cover plate and the housing of a vehicle headlight are connected by at least one catch device and a projecting part that engages behind the catch device, which moves in a spring direction, in a self-locking manner. The catch device has a first slip-interface surface which, when viewed in its spring direction, extends at an acute angle to a direction of assembly at every point along the first slip-interface surface. The projecting part has a second slip-interface surface which, when viewed in the direction of assembly of the cover plate, extends at an acute angle to the spring direction of the catch device at every point along the second slip-interface surface.

IPC 1-7

**F21M 7/00**

IPC 8 full level

**B60Q 1/04** (2006.01); **F21V 17/00** (2006.01)

CPC (source: EP US)

**F21S 41/29** (2017.12 - EP US)

Citation (search report)

- [A] DE 4443682 A1 19960613 - BOSCH GMBH ROBERT [DE]
- [A] DE 3400886 A1 19850725 - BOSCH GMBH ROBERT [DE]
- [A] US 5180219 A 19930119 - GEDDIE JOHN D [US]
- [A] FR 2639090 A1 19900518 - CIBIE PROJECTEURS [FR]
- [T] US 5765942 A 19980616 - SHIRAI KATUTADA [JP], et al

Designated contracting state (EPC)

AT BE CH DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

**US 5911333 A 19990615**; AT E296217 T1 20050615; DE 19643462 A1 19980423; DE 59712324 D1 20050630; EP 0838629 A2 19980429; EP 0838629 A3 19990630; EP 0838629 B1 20050525; ES 2242205 T3 20051101; MX 9708073 A 19980830

DOCDB simple family (application)

**US 95131697 A 19971016**; AT 97118136 T 19971018; DE 19643462 A 19961022; DE 59712324 T 19971018; EP 97118136 A 19971018; ES 97118136 T 19971018; MX 9708073 A 19971020