

Title (en)

LIGHT GROUP FOR VEHICLE HEADLIGHT

Title (de)

LICHTEINHEIT FÜR FAHRZEUGSCHEINWERFER

Title (fr)

ENSEMBLE D'ECLAIRAGE POUR PHARE DE VEHICULE

Publication

EP 1423642 A1 20040602 (FR)

Application

EP 02779612 A 20020805

Priority

- FR 0202803 W 20020805
- FR 0110854 A 20010810

Abstract (en)

[origin: FR2828551A1] Uses hinged wire spring clips (4,42) pressed into clamps (37) to hold lens in position on a lens support (3). Another type of hinged spring clip (5,51) folds over to grip the rim of the reflector so as to hold it against the lens support. The headlamp unit comprises: (a) a reflector (1) with location (12) for a bulb, a lens (2) having a rear face, turned towards the reflector, and a front face (22), and; a lens support (3) fixed to the reflector. The support includes clips and grips (4,37) to hold the lens on the support; the support (3) also includes clips (5) to fix the reflector to it.

IPC 1-7

F21V 17/20

IPC 8 full level

F21V 17/20 (2006.01); **F21V 17/00** (2006.01); **F21V 17/16** (2006.01); **F21W 101/10** (2006.01)

CPC (source: EP US)

F21S 41/295 (2017.12 - EP US); **F21S 41/55** (2017.12 - EP US); **F21V 17/164** (2013.01 - EP US); **F21V 17/20** (2013.01 - EP US)

Citation (search report)

See references of WO 03014618A1

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

FR 2828551 A1 20030214; **FR 2828551 B1 20040507**; DE 60225456 D1 20080417; DE 60225456 T2 20090319; EP 1423642 A1 20040602; EP 1423642 B1 20080305; US 2004202008 A1 20041014; US 7014344 B2 20060321; WO 03014618 A1 20030220

DOCDB simple family (application)

FR 0110854 A 20010810; DE 60225456 T 20020805; EP 02779612 A 20020805; FR 0202803 W 20020805; US 48610604 A 20040209