

Title (en)

Sealed round light with improved closing device

Title (de)

Abgedichtete runde Leuchte mit vereinfachtem Schliessmechanismus

Title (fr)

Hublot d'éclairage étanche, à fermeture facilitée

Publication

**EP 0589744 B1 19960626 (FR)**

Application

**EP 93402170 A 19930907**

Priority

FR 9211248 A 19920922

Abstract (en)

[origin: EP0589744A1] The round light comprises a base (1) and a lens (diffuser) (2) with a raised section (10) held by a peripheral shoulder (11) in a ring-shaped flange (3) which applies, clamped by screws, the raised section (10) on a plane annular bearing surface (14) of the base. The flange (3) is fitted with fingers (30) capable of clipping into complementary housings (35) in the base, for holding the flange with the lens in position for the screwing. Preferably, the lens also has a peripheral shoulder (11) interrupted by rectangular notches, and the finger housings (35) are bordered by click leaf springs which engage in the notches, for holding the lens (2) on the base. It is thus possible to fit the diffuser then the flange and tighten the screws without having to hold these elements in place. <IMAGE>

IPC 1-7

**F21V 17/00**

IPC 8 full level

**F21V 17/12** (2006.01); **F21V 17/16** (2006.01)

CPC (source: EP)

**F21V 3/00** (2013.01); **F21V 17/12** (2013.01); **F21V 17/164** (2013.01)

Cited by

CN103712172A; FR2740201A1; EP0719980A1; FR2733300A1; WO2008067515A1; US8096670B2; US9605818B2

Designated contracting state (EPC)

BE DE ES GB IT

DOCDB simple family (publication)

**EP 0589744 A1 19940330**; **EP 0589744 B1 19960626**; DE 69303340 D1 19960801; DE 69303340 T2 19961205; ES 2088248 T3 19960801; FR 2695983 A1 19940325; FR 2695983 B1 19941125

DOCDB simple family (application)

**EP 93402170 A 19930907**; DE 69303340 T 19930907; ES 93402170 T 19930907; FR 9211248 A 19920922