

Title (en)

Reversible snap fixing device for a lighting apparatus to be encased in a support panel such as a false ceiling

Title (de)

Umkehrbare Schnappvorrichtung zur Befestigung einer Beleuchtungseinrichtung, die in einer Tragplatte- wie einer abgehängten Decke - eingebaut ist

Title (fr)

Dispositif de fixation par encliquetage réversible pour luminaire encastré dans un panneau, notamment dans un faux plafond

Publication

EP 0840060 A3 19990331 (EN)

Application

EP 97830535 A 19971023

Priority

IT FI960260 A 19961105

Abstract (en)

[origin: EP0840060A2] A snap fixing device which allows easy and rapid mounting and removal of a lighting apparatus to be encased with a false ceiling or a similar panel. The device comprises an elongated laminar element (7) made of a resilient material and substantially bent to a V-shape, with one end pivotally connected with the apparatus body (1) and the other end bent, said element being slidably engaged in a slot (10) of the body (1). A projecting part (11) is provided near the bent end (9a), whereas an abutment block (12) is placed at the bending point of the laminar element (7). To fasten the apparatus when it is mounted, element (7) must slide into slot 10 until the projecting part (11) is tripped and abuts on body (1) and the laminar element bows, thus transmitting the fastening force to panel (3) through the abutment block (12). <IMAGE>

IPC 1-7

F21V 21/04

IPC 8 full level

F21V 21/04 (2006.01)

CPC (source: EP KR)

F21V 17/02 (2013.01 - KR); **F21V 17/16** (2013.01 - KR); **F21V 21/04** (2013.01 - EP); **F21V 21/046** (2013.01 - KR)

Citation (search report)

- [X] US 2954201 A 19600927 - PASCUCCI JULIO A, et al
- [X] FR 1304849 A 19620928
- [A] US 4733339 A 19880322 - KELSALL JEFFREY C [US]
- [A] US 4739460 A 19880419 - KELSALL JEFFREY C [US]

Cited by

DE10014967A1; DE10014967C2; DE102004006970A1; EP1134490A1; DE102004006970B4; US8474774B2; US7607935B2; WO2005059435A1; WO2005022033A1; WO2017054826A1; EP1139018A2; US10240761B2

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