

Title (en)
Device for securing fixtures

Title (de)
Vorrichtung zur Sicherung von Halterungen

Title (fr)
Dispositif de sécurisation d'appareils

Publication
EP 2463578 A1 20120613 (EN)

Application
EP 10194410 A 20101209

Priority
EP 10194410 A 20101209

Abstract (en)
It comprises securing means (3) for securing the fixture (1) to an opening (11) of a panel member (10), said securing means including at least one elastic member (3) associated with the fixture (1). The elastic member (3) includes a curved outer portion (5) comprising an expanded rest condition and that is elastically compressed by the opening (11) when inserting the fixture (1) into said opening (11), the outer curved portion (5) recovering its expanded status after passing through the opening (11) and retaining the fixture in the panel member (10).

IPC 8 full level
F21V 21/04 (2006.01); **F21S 8/02** (2006.01)

CPC (source: EP)
F21S 8/026 (2013.01); **F21V 21/047** (2013.01); **F21S 8/024** (2013.01)

Citation (search report)
• [X] US 5068772 A 19911126 - SHAPIRO JAMES [US], et al
• [X] EP 1139018 A2 20011004 - RAYMOND A & CIE [FR]
• [X] FR 81325 E 19630906
• [X] JP S56116204 A 19810911 - TOSHIBA ELECTRIC EQUIP

Cited by
JP2019160574A; KR102455596B1; EP2644986A1; GB2513191A; GB2513191B; CN107620905A; US9228723B2; EP4325112A1; NO20220884A1; GB2623410A; NO347917B1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 2463578 A1 20120613; EP 2463578 B1 20140521; ES 2487536 T3 20140821

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