

Title (en)

System for screwless fixing of a body to a panel

Title (de)

System zur schraubenlosen Befestigung eines Körpers an einer Platte

Title (fr)

Système pour fixation sans vis d'un corps à un panneau

Publication

**EP 1936018 A1 20080625 (EN)**

Application

**EP 07122872 A 20071211**

Priority

IT TO20060912 A 20061221

Abstract (en)

The system allows screwless fixing of a body (2) with a projecting formation (3) to a panel (5) with an opening (6), in which the projecting formation (3, 3a) has a head portion (3a) having in one direction (A-A) an extension greater than that of the opening (6) and a neck (3b) which, in said direction (A-A), has an extension smaller than or the same as that of the opening (6). The projecting formation (3, 3a) is able to pass through the opening (6) of the panel (5) in an inclined position and then be rotated towards the panel (5) and displaced towards an engaging position in which both the ends of the head (3a) extend outside the opening (6). A locking member (7) is able to be operated while the projecting formation (3) of the body (2) is in the engaged position, so as to fix stably in this condition the body (2) to the panel (5).

IPC 8 full level

**D06F 37/18** (2006.01); **D06F 37/28** (2006.01); **D06F 37/42** (2006.01)

CPC (source: EP US)

**D06F 37/18** (2013.01 - EP US); **D06F 37/28** (2013.01 - EP US); **D06F 37/42** (2013.01 - EP US)

Citation (applicant)

- EP 1544387 A2 20050622 - BITRON SPA [IT]
- EP 1467048 A1 20041013 - BITRON SPA [IT]

Citation (search report)

- [XA] EP 1418266 A2 20040512 - ELETTROTECNICA ROLD SRL [IT]
- [A] DE 2615512 A1 19771020 - LICENTIA GMBH
- [AD] EP 1467048 A1 20041013 - BITRON SPA [IT]
- [AD] EP 1544387 A2 20050622 - BITRON SPA [IT]

Cited by

WO2010101533A1; CN111236759A; ITTO20090098A1; IT202000002653A1; CN115053029A; CN104075423A; CN114059301A; ITTO20120606A1; CN104411903A; US2015191932A1; DE102016218812A1; US2021123181A1; JP2022510235A; US10815691B2; WO2021161182A1; WO2019010020A1; WO2010092528A1; WO2014011509A1; WO2020112310A1

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