

Title (en)

Screw, system and method for fixing a hinge body to a profile

Title (de)

Schraube, System und Verfahren zum Befestigen eines Scharnierkörpers an einem Profil

Title (fr)

Vis, système et procédé de fixation d'un corps de charnière à un profilé

Publication

EP 2505751 A1 20121003 (EN)

Application

EP 12161524 A 20120327

Priority

IT BO20110161 A 20110329

Abstract (en)

A screw for fixing a wing (5) of a body (2) of a hinge (6) to a profile (3) of a mobile or fixed frame of a door or a window comprises a head (7) and a shank (8), the shank (8) comprising, longitudinally, proceeding away from the head (7): - a first portion (9) proximal to the head (7) and designed to be centred in a hole (12) in the wing (5) of the body (2); - a second, intermediate portion (10) designed to be centred in a hole (13) made in the profile (3) in such a way as to allow a predetermined positioning of the wing (5) relative to the profile (3); - a third portion (11) distal from the head (7) and designed for coupling with longitudinal contact means (23) for the screw (1) which are inserted in the profile (3) for locking the wing (5) relative to the profile (3).

IPC 8 full level

E05D 5/02 (2006.01)

CPC (source: EP)

E05D 5/023 (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (applicant)

- GB 1250776 A 19711020
- EP 1884668 A1 20080206 - ROTO FRANK AG [DE]
- DE 2700100 A1 19780706 - HAHN GMBH & CO KG DR

Citation (search report)

- [I] GB 1250776 A 19711020
- [IA] DE 2700100 A1 19780706 - HAHN GMBH & CO KG DR
- [A] EP 1884668 A1 20080206 - ROTO FRANK AG [DE]
- [A] DE 29502068 U1 19960613 - KOEMMERLING KUNSTSTOFF [DE]

Cited by

EP3173556A1; DE102015120559B3; CN112065160A

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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