

Title (en)

Self-mounting hinge structure for casements, door- and window-frames and the like.

Title (de)

Selbstverriegelnde Scharnierbefestigungsvorrichtung für Einfassungen, Tür- und Fensterrahmen und dergleichen.

Title (fr)

Construction de charnière à fixation autobloquante pour châssis, cadres de portes et de fenêtres et similaires.

Publication

EP 0283983 A1 19880928 (EN)

Application

EP 88104443 A 19880320

Priority

IT 2120087 U 19870320

Abstract (en)

The self-mounting hinge comprises a right-angled element (1) applicable at a corner region of a casement and insertable into a seat (6) defined by the profiled element (7) constituting the casement. An insertion end of a hinge element (10) is accommodatable in the seat (6), and defines, a tooth (11) engageable with one of the wings (5,12) delimiting the seat (6), a rest foot (13) associable with the outer surface of the profile element (7). The right-angled element (1) defines a first inclined plane (20) which thrusts the insertion end towards the part of the seat (6) affected by the wing (12), and a second inclined plane which thrusts the tooth (11) against the wing (12).

IPC 1-7

E05D 5/02

IPC 8 full level

E05D 5/02 (2006.01); **E06B 3/964** (2006.01); **E06B 3/972** (2006.01)

CPC (source: EP)

E05D 5/0223 (2013.01); **E06B 3/9648** (2013.01); **E06B 3/9725** (2013.01); **E05D 5/0238** (2013.01); **E05Y 2201/638** (2013.01); **E05Y 2600/502** (2013.01); **E05Y 2600/626** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [A] DE 2516264 A1 19761028 - SIEGENIA FRANK KG
- [A] GB 871304 A 19610628 - ULRICH GRAJECKI

Cited by

EP2538007A3; NL1041354A; EP0460514A1; CN106193861A

Designated contracting state (EPC)

AT BE CH DE ES FR GB GR LI LU NL SE

DOCDB simple family (publication)

EP 0283983 A1 19880928; **EP 0283983 B1 19910724**; AT E65579 T1 19910815; DE 3863806 D1 19910829; ES 2023967 B3 19920216; GR 3002737 T3 19930125; IT 210045 Z2 19881114; IT 8721200 V0 19870320

DOCDB simple family (application)

EP 88104443 A 19880320; AT 88104443 T 19880320; DE 3863806 T 19880320; ES 88104443 T 19880320; GR 910401352 T 19910916; IT 2120087 U 19870320