

Title (en)

A hinge for tilt-and-turn window fixtures.

Title (de)

Ein Scharnier für Dreh-Kipp-Fensterbeschläge.

Title (fr)

Une charnière pour ferrures de fenêtres oscillo-battantes.

Publication

EP 0478519 A1 19920401 (EN)

Application

EP 91830391 A 19910925

Priority

IT 366390 A 19900925

Abstract (en)

The hinge comprises a concealed box element (1) secured vertically inside the section utilized in construction of the fixed surround frame (2), of which the face directed toward the sash (3) affords a longitudinal housing (1a) loosely accommodating a plate (4) with concavely profiled ends (4a, 4c) associated rigidly and right angles with a hinge bracket (5) fixed to the sash frame; the plate (4), likewise vertically disposed, rocks on a convexly profiled bearing lug (7) positioned at the bottom end (1b) of the housing and matched to the concave profile of its own bottom end (4a), and affords a centrally located socket (4b) freely accommodating a bolt (6) by which the box element (1) and the plate (4) are coupled together in such a way as allows the sash to tilt between a closed position with the plate (4) lying parallel to the housing, and an open position in which the plate is angled away from the housing. <IMAGE>

IPC 1-7

E05D 15/52

IPC 8 full level

E05D 15/52 (2006.01)

CPC (source: EP)

E05D 15/5214 (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [A] CH 563516 A5 19750630 - GRUENERT ALFRED
- [A] GB 143662 A 19200603 - ARTHUR SAM CHESTON
- [A] FR 1129206 A 19570117 - ART ET TECH

Cited by

EP1283321A3; GR950100455A; EP1793071A3; US9989183B2; EP1283321A2; WO2019235926A1

Designated contracting state (EPC)

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EP 0478519 A1 19920401; **EP 0478519 B1 19940608**; DE 69102383 D1 19940714; DE 69102383 T2 19940929; ES 2057842 T3 19941016; IT 1242573 B 19940516; IT 9003663 A0 19900925; IT 9003663 A1 19920325

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