

Title (en)

Hinge for windows, doors and the like

Title (de)

Band für Fenster, Türen und dergleichen

Title (fr)

Charnière pour fenêtres, portes et similaires

Publication

**EP 1666688 A3 20100428 (DE)**

Application

**EP 05018327 A 20050824**

Priority

DE 202004013848 U 20040906

Abstract (en)

[origin: EP1666688A2] The hinge has a pin (7) to connect a frame part (1) and a blade part, in which a longitudinal axis of the pin defines a hinge axis. The pin is stored within an opening of hinge portions (8) of the frame part and the blade part. Toothing in an outer periphery of the pin contacts the toothing in longitudinal walls of the opening such that a shifting unit and a fixing unit for the pin are accessed from both ends of the pin.

IPC 8 full level

**E05D 7/00** (2006.01)

CPC (source: EP)

**E05D 7/0045** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [XY] EP 0837206 A2 19980422 - SIMONSWERK GMBH [DE]
- [YA] DE 10124854 A1 20021128 - BAYERISCHE MOTOREN WERKE AG [DE]
- [Y] US 4964193 A 19901023 - ROMMELFAENGER PETER R [US], et al
- [Y] EP 0992647 A2 20000412 - GIESSE SPA [IT]
- [YDA] EP 0467075 A1 19920122 - HAHN GMBH & CO KG DR [DE]
- [A] EP 1061221 A1 20001220 - SAVIO SPA [IT]

Cited by

DE102018130344A1; DE102018130344B4; WO2020108870A1; EP3342966A1; DE102018130351B3; DE102020100411B3; DE102018130346B3; CN112996978A; RU2769900C1; EP3848543A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

**DE 202004013848 U1 20060119**; EP 1666688 A2 20060607; EP 1666688 A3 20100428; EP 1666688 B1 20180822; PL 1666688 T3 20190228

DOCDB simple family (application)

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