

Title (en)

Hinge for metal window and door frames

Title (de)

Scharnier für Metallfenster- und Metalltürrahmen

Title (fr)

Charnière pour cadres métalliques de fenêtres et de portes

Publication

**EP 1462598 A1 20040929 (EN)**

Application

**EP 03425187 A 20030325**

Priority

EP 03425187 A 20030325

Abstract (en)

A hinge (1) for metal window and door frames is disclosed that has an engagement end (7) and an abutment surface (11) on a frame section bar (9), with a seat (13) for passing a screw (15) associated with a fastening plaque (16); the engagement end (7) has an internal straight surface (7a) for operatively contacting the plaque (16), that has a side section shaped with four segments and is equipped, at one end (16a), with a contact surface that is slanted when resting by an angle (A) with respect to the surface (7a) and is operatively parallel with the surface (7a); the plaque (16) further comprises, at its other opposite end (16b), a projection that penetrates and engages the section bar (9) for an unmovable fastening of the hinge (1) onto the section bar (9). <IMAGE>

IPC 1-7

**E05D 5/02**

IPC 8 full level

**E05D 5/02** (2006.01)

CPC (source: EP)

**E05D 5/0238** (2013.01); **E05Y 2900/132** (2013.01); **E05Y 2900/148** (2013.01)

Citation (search report)

- [XY] WO 0225046 A1 20020328 - ERRETI SRL [IT], et al
- [X] EP 0659967 A2 19950628 - ERRETI SRL [IT]
- [Y] EP 1255010 A1 20021106 - SAVIO SPA [IT]

Cited by

DE202006010209U1; WO2010052209A1

Designated contracting state (EPC)

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

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