

Title (en)
Door hinge for aluminium doors

Title (de)
Türband für Aluminiumtüren

Title (fr)
Penture de porte pour portes en aluminium

Publication
EP 2345787 A3 20140122 (DE)

Application
EP 10192365 A 20101124

Priority
DE 102010004772 A 20100114

Abstract (en)
[origin: DE102010004772B3] The hinge has hinge parts (1a, 1b) comprising hinge rolling sections (2a, 2b) connected with each other at a vertical axis in a rotatable manner. One hinge part has passage holes for fastening to an extruded profile. The passage holes are formed as longitudinal holes (13) extending in a horizontal direction (y). The hinge part receives a pair of thread pins (14) in an upper area and a lower area. The thread pins are arranged in a horizontal distance to each other. The thread pins cause tightening by wedging in an opposite direction to a fixation of the hinge part.

IPC 8 full level
E05D 5/02 (2006.01); **E05D 7/00** (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP)
E05D 5/0238 (2013.01); **E05D 7/0027** (2013.01); **E05D 7/0423** (2013.01); **E05D 2003/025** (2013.01); **E05D 2007/0484** (2013.01); **E05Y 2600/51** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XYI] DE 202005015780 U1 20070215 - HAHN GMBH & CO KG DR [DE]
- [XAI] EP 1152112 A2 20011107 - SOLARLUX ALUMINIUM SYS GMBH [DE]
- [XAI] DE 1945028 A1 19710311 - VER BAUBESCHLAG GRETSCH CO
- [Y] EP 0919686 A2 19990602 - NIEMANN HANS DIETER [DE], et al
- [A] EP 1959078 A2 20080820 - GSG INT SPA [IT]

Cited by
CN110318618A

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
DE 102010004772 B3 20110105; EP 2345787 A2 20110720; EP 2345787 A3 20140122; EP 2345787 B1 20170222

DOCDB simple family (application)
DE 102010004772 A 20100114; EP 10192365 A 20101124