

Title (en)  
Door hinge for aluminium doors

Title (de)  
Türband für Aluminiumtüren

Title (fr)  
Penture de porte pour portes en aluminium

Publication  
**EP 2345786 A3 20140122 (DE)**

Application  
**EP 10192359 A 20101124**

Priority  
DE 102010004771 A 20100114

Abstract (en)  
[origin: DE102010004771B3] The hinge has two band portions (1a, 1b) including reel sections (2a). An adjusting spindle (20) is kept at a hinge strap (16) and extended into a slot (17) such that immersion depth of the hinge strap is adjusted into the slot by turning the adjusting spindle. An absorption part (8) includes a fixing screw (21) that is arranged with a screw longitudinal axis at a specific angle of the hinge strap. The fixing screw is directly pressed on the hinge strap after tightening the screw such that adjustment required for displacement is eliminated by the adjusting spindle.

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 2600/528** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [XAYI] EP 0919686 A2 19990602 - NIEMANN HANS DIETER [DE], et al
- [XA] DE 29817807 U1 19990610 - BREUER & SCHMITZ [DE]
- [Y] EP 1959078 A2 20080820 - GSG INT SPA [IT]
- [Y] DE 202005015780 U1 20070215 - HAHN GMBH & CO KG DR [DE]

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 102010004771 B3 20110105**; EP 2345786 A2 20110720; EP 2345786 A3 20140122; EP 2345786 B1 20170510

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**DE 102010004771 A 20100114**; EP 10192359 A 20101124