

Title (en)
HINGE FOR MOUNTING IN AN OPENING

Title (de)
SCHARNIER ZUR MONTAGE IN EINEM DURCHBRUCH

Title (fr)
CHARNIERE A MONTER DANS UNE OUVERTURE

Publication
EP 1711672 A1 20061018 (DE)

Application
EP 05707009 A 20050126

Priority
• EP 2005000730 W 20050126
• DE 202004001161 U 20040126
• DE 202004003238 U 20040227
• DE 202004004593 U 20040322

Abstract (en)
[origin: WO2005071198A1] The invention relates to a hinge (10) comprising at least one hinge element (16) that can be mounted in an opening (12) in a thin wall (14), such as a sheet metal cupboard door. Said hinge comprises a head part (28), such as a flange or a hinge leaf, covering the edge (24) of the opening (12) of the thin wall (14) on the (outer) side (26) thereof, a body part (30) that extends from the head part (28) and can be inserted through the opening (12) in the thin wall (14), and a holding part (34) that is carried by the body part (30), supported on the other (rear) side (32) of the thin wall (14), and separated from the body part. Said holding part (34) consists of holding elements (36) that project from the body part (30) towards the outer surface thereof in a flexible manner, and the free end of said holding elements has an inclined surface (38) for supporting the body part (30) on the edge (40) of the opening (12) in such a way that there is no play.

IPC 8 full level
E05D 5/02 (2006.01); **E05D 7/12** (2006.01); **E05D 5/06** (2006.01)

CPC (source: EP KR US)
E05D 5/00 (2013.01 - KR); **E05D 5/02** (2013.01 - KR); **E05D 5/023** (2013.01 - EP US); **E05D 5/06** (2013.01 - KR); **E05D 7/00** (2013.01 - KR); **E05D 7/123** (2013.01 - EP US); **E05D 5/065** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US); **E05Y 2900/208** (2013.01 - EP US)

Citation (search report)
See references of WO 2005071198A1

Cited by
DE202010006608U1; US10941798B2; DE202010006532U1; WO2018162114A1

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005071198 A1 20050804; AT E382765 T1 20080115; AU 2005206311 A1 20050804; AU 2005206311 B2 20090806; BR PI0507109 A 20070619; BR PI0507109 B1 20151027; DE 502005002409 C5 20170323; DE 502005002409 D1 20080214; EP 1711672 A1 20061018; EP 1711672 B1 20080102; ES 2299002 T3 20080516; HK 1100869 A1 20070928; JP 2007518907 A 20070712; JP 4758357 B2 20110824; KR 100883684 B1 20090218; KR 20070008575 A 20070117; KR 20080107487 A 20081210; PL 1711672 T3 20080630; US 2007157435 A1 20070712; US 8943653 B2 20150203

DOCDB simple family (application)
EP 2005000730 W 20050126; AT 05707009 T 20050126; AU 2005206311 A 20050126; BR PI0507109 A 20050126; DE 502005002409 T 20050126; EP 05707009 A 20050126; ES 05707009 T 20050126; HK 07105978 A 20070606; JP 2006550084 A 20050126; KR 20067017400 A 20060828; KR 20087028615 A 20081121; PL 05707009 T 20050126; US 58744505 A 20050126