

Title (en)

Door hinge for hidden assembly for rotatable connection of a door wing to a door frame

Title (de)

Türband für den verdeckten Einbau zur drehbeweglichen Verbindung eines Türflügels an einer Türzarge

Title (fr)

Charnière de porte pour arrangement caché pour la connexion rotative d'un battant à un cadre de porte

Publication

EP 1780357 A3 20091118 (DE)

Application

EP 06121355 A 20060927

Priority

DE 102005051918 A 20051029

Abstract (en)

[origin: EP1780357A2] Door binding has a retainer bodies (1,2) which are inserted into frame and door leaf whereby end of joint finger with bearing box (9) are rotationally connected with arbor (5). Lateral projection is rotationally connected with retainer bodies over main axis. Two hinge bodies (13) are rotationally connected with each other by an arbor (6) and each of which are movably connected by an arbor (7) with retaining bodies.

IPC 8 full level

E05D 3/06 (2006.01); **E05D 7/04** (2006.01)

CPC (source: EP)

E05D 3/186 (2013.01); **E05D 7/04** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/412** (2013.01); **E05Y 2900/132** (2013.01)

Citation (search report)

- [A] DE 102004012350 B3 20050721
- [A] JP H06288139 A 19941011 - TAKAHASHI KANAMONO KK, et al
- [A] DE 20213336 U1 20021114 - BARTELS SYSTEMBESCHLAEGE GMBH [DE]
- [A] DE 20213155 U1 20021114
- [A] AT 371207 B 19830610 - MAYER & CO RIEGEL BESCHLAG [AT]

Cited by

EP2390446A1; EP3677745A1; CN102747911A; CN115822400A; EP2184428A1; EP2031166A3; CN102797397A; DE102008057341B3; EP2186979A3; ITUD20100108A1; BE1026948B1; ITUD20120171A1; EP2719851A3; DE102009038955A1; EP2476836A1; DE102009038955B4; BE1026948A1; EP2186979A2; US8196265B2; EP2719851A2

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 RS

DOCDB simple family (publication)

EP 1780357 A2 20070502; **EP 1780357 A3 20091118**; **EP 1780357 B1 20111109**; AT E532928 T1 20111115; DE 102005051918 A1 20070503; DE 102005051918 B4 20131205; PL 1780357 T3 20120430; SI 1780357 T1 20120330

DOCDB simple family (application)

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