

Title (en)

Door hinge for hidden assembly between door frame and door hinge

Title (de)

Türband für eine verdeckte Anordnung zwischen Türzarge und Türflügel

Title (fr)

Charnière de porte pour arrangement caché entre battant et cadre de porte

Publication

EP 1308592 B1 20091209 (DE)

Application

EP 02024027 A 20021028

Priority

- DE 10153778 A 20011031
- DE 10227638 A 20020620
- DE 20213155 U 20020828

Abstract (en)

[origin: EP1308592A2] A hidden hinge system for furniture and doors has recessed mountings in the fixed frame and movable frame and linked by two interlocking tags to operate as a lift off hinge. One tag has a forked shape while the second tag has a central flange which fits into the forked shape enabling the hinge to occupy a compact space. The separate mountings have alignment adjustments to hang the door.

IPC 8 full level

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

CPC (source: EP US)

E05D 3/186 (2013.01 - EP US); **E05D 7/0415** (2013.01 - EP US); **E05D 7/0423** (2013.01 - EP US); **E05D 2007/0469** (2013.01 - EP US); **E05D 2007/0484** (2013.01 - EP US); **E05Y 2900/20** (2013.01 - EP US)

Cited by

EP2184428A1; EP3971377A1; EP2525031A2; CN102587760A; DE102012101884B3; DE102011050414B3; ITMI20100555A1; FR2952395A1; DE102008056327B3; EP1577474A3; CN102086728A; EP1754848A3; EP2292881A3; BE1018877A5; DE102012101644B3; EP2634335A3; BE1019504A5; EP2514895A3; DE102011050413B3; CN102787773A; ITRN20110038A1; EP2525031A3; WO2011138203A1; EP1662082A1; EP2292881A2; EP2525032A2; US8683651B2; US10900265B2; EP2636830A2; EP2634335A2; DE102013014652A1; DE202013012258U1; US8621717B2; EP3362623B1

Designated contracting state (EPC)

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

DOCDB simple family (publication)

EP 1308592 A2 20030507; EP 1308592 A3 20060201; EP 1308592 B1 20091209; AT E451525 T1 20091215; CN 1236189 C 20060111; CN 1417443 A 20030514; DE 50214063 D1 20100121; ES 2335866 T3 20100406; HK 1052041 A1 20030829; JP 2003184403 A 20030703; JP 4377122 B2 20091202; TW 200300197 A 20030516; TW I240780 B 20051001; US 2003088943 A1 20030515; US 6829808 B2 20041214

DOCDB simple family (application)

EP 02024027 A 20021028; AT 02024027 T 20021028; CN 02148197 A 20021031; DE 50214063 T 20021028; ES 02024027 T 20021028; HK 03104275 A 20030616; JP 2002315600 A 20021030; TW 91132271 A 20021031; US 28402002 A 20021030