

Title (en)

Hinge for a covered assembly between door frame and door wing

Title (de)

Türband für eine verdeckte Anordnung zwischen Türflügel und Türzarge

Title (fr)

Penture pour un agencement couvert entre un vantail et une huisserie

Publication

EP 2525031 B1 20180502 (DE)

Application

EP 12163574 A 20120410

Priority

DE 102011050413 A 20110517

Abstract (en)

[origin: CN102787773A] A door hinge is provided for a hidden placement between a door leaf and door frame. The door hinge has two recess elements(1a,1b) that are insertable into recesses in the door frame and in the narrow side of the door leaf and two hinge brackets(2a,2b) that are connected in articulating fashion. Each of the recess elements(1a,1b) also has two guide elements(3) that accommodate the ends of the hinge brackets(2a,2b). The guide elements each have a guide section with two sliding guides(5) and two rotary seats(6). An end of a hinge bracket(2a,2b) is secured in only one respective sliding guide(5) and rotary seat(6), where the other sliding guide(5) and the other rotary seat(6) remain correspondingly unoccupied.

IPC 8 full level

E05D 3/18 (2006.01); **E05D 7/02** (2006.01)

CPC (source: EP RU US)

E05D 3/186 (2013.01 - EP RU US); **E05D 7/02** (2013.01 - EP US); **E05Y 2600/41** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP RU US)

Cited by

CN106014040A; US2013219662A1; US8863361B2; EP3771795B1

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

DOCDB simple family (publication)

DE 102011050413 B3 20120412; CN 102787773 A 20121121; CN 102787773 B 20160525; EP 2525031 A2 20121121; EP 2525031 A3 20170125; EP 2525031 B1 20180502; JP 2012241515 A 20121210; JP 5746092 B2 20150708; PL 2525031 T3 20190131; RU 2012120333 A 20131127; RU 2587787 C2 20160620; US 2012291225 A1 20121122; US 8621717 B2 20140107

DOCDB simple family (application)

DE 102011050413 A 20110517; CN 201210153659 A 20120517; EP 12163574 A 20120410; JP 2012112018 A 20120516; PL 12163574 T 20120410; RU 2012120333 A 20120516; US 201213463201 A 20120503