

Title (en)

HINGE FOR ROTATABLY MOVING A DOOR, IN PARTICULAR A REINFORCED DOOR

Title (de)

SCHARNIER FÜR DIE ROTIERENDE BEWEGUNG EINER TÜR, INSBESONDERE EINER VERSTÄRKTE TÜR

Title (fr)

CHARNIÈRE POUR LE MOUVEMENT ROTATIF D'UNE PORTE EN PARTICULIER PORTE RENFORCEE

Publication

EP 2872717 B1 20170628 (EN)

Application

EP 13765469 A 20130704

Priority

- IT VI20120155 A 20120704
- IT VI20120156 A 20120704
- IB 2013055476 W 20130704

Abstract (en)

[origin: WO2014006586A1] A concealed hinge for the rotatable movement of a door (D), in particular a reinforced door. The hinge comprises a fixed element (10) and a movable element (20), the latter being rotatably coupled with the fixed element (10) to rotate between an open position and a closed position about a first longitudinal axis (X). The fixed element (10) includes a box-shaped hinge body (11), while the movable element (20) includes a connecting plate (21) fixable to the door (D). The box-shaped hinge body (11) includes a pair of end seats (12, 12') defining the first axis (X), the connecting plate (21) including a first central portion (22) susceptible to be operatively connected with the door (D) and a pair of second end portions (23, 23') mutually faced and operatively connected with the end seats (12, 12') of the box-shaped body (11).

IPC 8 full level

E05D 5/06 (2006.01); **E05D 7/04** (2006.01); **E05D 11/06** (2006.01)

CPC (source: EP)

E05D 5/06 (2013.01); **E05D 11/06** (2013.01); **E05F 3/20** (2013.01); **E05D 7/0415** (2013.01); **E05D 2003/027** (2013.01); **E05D 2005/067** (2013.01); **E05Y 2201/224** (2013.01); **E05Y 2600/12** (2013.01); **E05Y 2600/41** (2013.01); **E05Y 2600/45** (2013.01); **E05Y 2900/132** (2013.01)

Cited by

EP4019041A1

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)

WO 2014006586 A1 20140109; EA 026436 B1 20170428; EA 026436 B9 20170731; EA 201590154 A1 20150430; EP 2872717 A1 20150520; EP 2872717 B1 20170628

DOCDB simple family (application)

IB 2013055476 W 20130704; EA 201590154 A 20130704; EP 13765469 A 20130704