

Title (en)

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

Title (de)

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

Title (fr)

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

Publication

EP 2872717 A1 20150520 (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)

Citation (search report)

See references of WO 2014006586A1

Cited by

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