Title (en)

CLOSING HINGE

Title (de)

SCHLIESS-SCHARNIER

Title (fr)

CHARNIÈRE DE FERMETURE

Publication

EP 2697464 A1 20140219 (DE)

Application

EP 12715034 A 20120404

Priority

- DE 102011007400 A 20110414
- EP 2012056184 W 20120404

Abstract (en)

[origin: WO2012139954A1] A closing hinge (5) for pivotally hinging a first part (2), in particular a door leaf, to a second part (3), in particular a door casement, comprises a central longitudinal axis (7), a rotation accepting unit (12) that can rotate about the central longitudinal axis (7) and is to be attached to the first part (2) which can rotate especially about the central longitudinal axis (7), and a freely rotating closing unit (13) that is connected to the rotation accepting unit (12) so as to transmit torque and is to be attached to the second part (3) which is stationary especially relative to the central longitudinal axis (7). The closing hinge (5) can be moved between a closing arrangement and a freely rotating arrangement. In the closing arrangement, the freely rotating closing unit (13) applies a closing torque to the rotation accepting unit (12) in a closing rotational direction about the central longitudinal axis (7), while in the freely rotating arrangement, the rotation accepting unit (13) can rotate freely, especially in a torque-free manner, relative to the freely rotating closing unit (12) about the central longitudinal axis (7).

IPC 8 full level

E05F 1/12 (2006.01); **E05F 3/20** (2006.01)

CPC (source: EP US)

E05F 1/1207 (2013.01 - EP US); **E05F 1/1215** (2013.01 - EP US); **E05F 3/20** (2013.01 - EP US); E05Y 2900/132 (2013.01 - EP US)

Citation (search report)

See references of WO 2012139954A1

Citation (examination)

DE 2520305 A1 19761118 - KUNATH JOHANNES

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)

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DOCDB simple family (application)

DE 102011007400 A 20110414; CN 201280029100 A 20120404; EP 12715034 A 20120404; EP 2012056184 W 20120404; US 201214111233 A 20120404