

Title (en)

Fall protection device for a closure

Title (de)

Fangvorrichtung für Verschlussvorrichtung

Title (fr)

Dispositif antichute pour fermeture

Publication

EP 1788187 B1 20091202 (DE)

Application

EP 06019562 A 20060919

Priority

DE 202005018238 U 20051122

Abstract (en)

[origin: EP1788187A2] The fastening device has an auxiliary worm gear (20) with clearance is fitted on an eccentric area (16) of an output shaft (10). The auxiliary worm gear has an equal value eccentricity like the output shaft and is mounted in such a manner that the eccentricities are suspended relative to the axis (18) of the drive shaft. The auxiliary worm gear unencumbered the movement of a worm gear (12) by its indenting area.

IPC 8 full level

E06B 9/84 (2006.01)

CPC (source: EP US)

E06B 9/84 (2013.01 - EP US); **Y10T 74/19828** (2015.01 - EP US); **Y10T 74/19944** (2015.01 - EP US); **Y10T 403/7009** (2015.01 - EP US); **Y10T 403/7013** (2015.01 - EP US)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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DOCDB simple family (application)

DE 202005018238 U 20051122; BR PI0604825 A 20061122; CN 200610140309 A 20061120; DE 502006005498 T 20060919; EP 06019562 A 20060919; ES 06019562 T 20060919; US 60158006 A 20061117; ZA 200609640 A 20061120