

Title (en)

Driver assembly for a powered window regulator

Title (de)

Antriebsanordnung für einen angetriebenen Fensterregler

Title (fr)

Ensemble d'entraînement pour un régulateur de fenêtre motorisé

Publication

**EP 2728097 A1 20140507 (EN)**

Application

**EP 12382426 A 20121105**

Priority

EP 12382426 A 20121105

Abstract (en)

Driver assembly for a powered window regulator comprising a support (1), a coupling shaft (2), a winding drum (3) and a reduction gearbox motor (4) joined to the coupling shaft (2), the winding drum (3) being connected with angular clearance to the coupling shaft (2); the driver assembly also comprises a locking spring (5) and a cylindrical spring housing (6) for said locking spring (5), which has two ends (5.1,5.2) that bend towards the inside of the cylindrical spring housing (6) and an expandable central section (5.3), said cylindrical spring housing (6) being joined to the support (1) and housing the locking spring (5) compressed such that the outer surface of the expandable central section (5.3) contacts the inner surface of the cylindrical spring housing (6); the coupling shaft (2) includes two unlocking surfaces (2.1,2.2) and two first pushing surfaces (2.3,2.4); the winding drum (3) includes two locking surfaces (3.1,3.2) and two second pushing surfaces (3.3,3.4); each of the ends (5.1,5.2) of the locking spring (5) is placed between an unlocking surface (2.1,2.2) of the shaft and a locking surface (3.1,3.2) of the winding drum (3), providing compactness and efficiency.

IPC 8 full level

**E05F 11/50** (2006.01); **E05F 15/16** (2006.01)

CPC (source: EP)

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Citation (search report)

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Designated contracting state (EPC)

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BA ME

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DOCDB simple family (application)

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