

Title (en)  
Window regulator for a motor vehicle door

Title (de)  
Fensterheber für eine Kraftfahrzeugtür

Title (fr)  
Lève-vitre pour une porte de véhicule

Publication  
**EP 1617028 B1 20080917 (DE)**

Application  
**EP 04016379 A 20040716**

Priority  
EP 04016379 A 20040716

Abstract (en)  
[origin: EP1617028A1] The regulator has two guide rails, which are provided with movable guide rails and take up drivers, which are linked to a propelled, closed push pull cable. An upper position of a pane defines the upper movement of the pane. Bearing surfaces (12, 13) are attached to the pane (8), and a driver (6, 7) fitted with springs provide energy (16) against the pane, moving it into position. The bearing surfaces are screwed and glued to the pane. The bearing surfaces are attached to the pane by a rest connection. The energy is provided by a compression spring.

IPC 8 full level  
**E05F 11/48** (2006.01); **E05F 11/38** (2006.01)

CPC (source: EP)  
**E05F 11/385** (2013.01); **E05Y 2900/55** (2013.01)

Cited by  
EP1936087A1; US8171682B2; US8146645B2; DE102013005898A1; DE202007002470U1; US8176679B2; WO2008101648A1

Designated contracting state (EPC)  
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**EP 1617028 A1 20060118; EP 1617028 B1 20080917**; AT E408741 T1 20081015; DE 502004008086 D1 20081030

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