

Title (en)  
WINDOW LIFTER FOR A MOTOR VEHICLE

Title (de)  
FENSTERHEBER FÜR EIN KRAFTFAHRZEUG

Title (fr)  
LEVE-GLACE ELECTRIQUE POUR UN VEHICULE

Publication  
**EP 1856361 B1 20080507 (DE)**

Application  
**EP 06705981 A 20060214**

Priority  
• DE 2006000292 W 20060214  
• DE 102005008437 A 20050224

Abstract (en)  
[origin: DE102005008437A1] The window lifter has a guide rail (1) and toothed rack (3) for engagement with a pinion of a follower drive unit (2) which has a drive motor (8) and a guide and gearing unit (4) which houses both the pinion and the roller body. A support (9) holds both the drive motor and the guide and gear unit. The guide and gear unit has an electronic area (13) with electronics for detecting the movement of the motor shaft (18).

IPC 8 full level  
**E05F 15/16** (2006.01); **E05F 11/42** (2006.01)

CPC (source: EP US)  
**E05F 11/423** (2013.01 - EP US); **E05F 15/689** (2015.01 - EP US); **E05F 15/697** (2015.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/474** (2013.01 - EP US); **E05Y 2201/49** (2013.01 - EP US); **E05Y 2600/46** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Cited by  
DE102016222540A1; DE102016222540B4

Designated contracting state (EPC)  
DE FR

DOCDB simple family (publication)  
**DE 102005008437 A1 20060831**; DE 502006000752 D1 20080619; EP 1856361 A1 20071121; EP 1856361 B1 20080507; US 2008155901 A1 20080703; WO 2006089520 A1 20060831

DOCDB simple family (application)  
**DE 102005008437 A 20050224**; DE 2006000292 W 20060214; DE 502006000752 T 20060214; EP 06705981 A 20060214; US 88496706 A 20060214