

Title (en)  
WINDOW ACTUATING DEVICE

Title (de)  
FENSTERBETÄTIGUNGSVORRICHTUNG

Title (fr)  
DISPOSITIF D'ACTIONNEMENT DE LEVE-GLACES

Publication  
**EP 1143095 A1 20011010 (EN)**

Application  
**EP 99940211 A 19990823**

Priority  
ES 9900269 W 19990823

Abstract (en)  
A drive system for window winders with internal reduction, that has a toothed device (5) that transmits power to its cable drum (10), transmitting the corresponding torque, in which a spring (6) is situated, connected to a rear projection of the toothed device, with this spring being housed in the interior of a bowl-shaped retainer (7), and with both occupying a position whose shaft coincides with the drive shaft. <IMAGE>

IPC 1-7  
**E05F 11/48**

IPC 8 full level  
**E05F 11/48** (2006.01); **E05F 11/50** (2006.01); **E05F 15/16** (2006.01)

CPC (source: EP)  
**E05F 11/483** (2013.01); **E05F 11/505** (2013.01); **E05F 15/689** (2015.01); **E05Y 2900/55** (2013.01)

Citation (search report)  
See references of WO 0114673A1

Cited by  
US7350334B2; WO03064797A1

Designated contracting state (EPC)  
DE ES FR GB IT

DOCDB simple family (publication)  
**EP 1143095 A1 20011010**; **EP 1143095 B1 20041117**; AU 5423999 A 20010319; DE 69922046 D1 20041223; DE 69922046 T2 20051110; ES 2229759 T3 20050416; WO 0114673 A1 20010301

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