

Title (en)
WINDOW ACTUATING DEVICE

Title (de)
FENSTERBETÄTIGUNGSVORRICHTUNG

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

Publication
EP 1143095 B1 20041117 (EN)

Application
EP 99940211 A 19990823

Priority
ES 9900269 W 19990823

Abstract (en)
[origin: EP1143095A1] 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)

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

DOCDB simple family (application)
EP 99940211 A 19990823; AU 5423999 A 19990823; DE 69922046 T 19990823; ES 9900269 W 19990823; ES 99940211 T 19990823