

Title (en)
Cable window lifter

Title (de)
Seilzug-Fensterheber

Title (fr)
Lève-vitre à câble

Publication
EP 1367206 A3 20080220 (DE)

Application
EP 03010039 A 20030502

Priority
DE 20207826 U 20020518

Abstract (en)
[origin: EP1367206A2] A cable driven window winder for a vehicle is fitted between front (2) and rear frames (4) and has moving grips (6, 8) to hold the window pane in the frames. The cable drive has a centrally mounted servo drive (16) with crossed cable feeds to pulley wheels (12, 14) on the moving grips. To ensure a rattle free operation, especially for frameless windows in open vehicles, a fixed front guide (18) holds the front edge of the window pane in all settings of the window. The fixed frame is provided with a cushion grip for the window pane.

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

CPC (source: EP)
E05F 11/488 (2013.01); **E05F 11/382** (2013.01); **E05F 11/385** (2013.01); **E05Y 2201/64** (2013.01); **E05Y 2201/684** (2013.01); **E05Y 2900/55** (2013.01)

Citation (search report)
• [X] EP 0613797 A2 19940907 - YMOS AG IND PRODUKTE [DE]
• [X] WO 0227131 A1 20020404 - BTR SEALING SYSTEMS FRANCE [FR], et al

Cited by
EP3480402A1; CN109747393A; WO2022214265A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)
AL LT LV MK

DOCDB simple family (publication)
EP 1367206 A2 20031203; EP 1367206 A3 20080220; DE 20207826 U1 20031106

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EP 03010039 A 20030502; DE 20207826 U 20020518