

Title (en)
CABLE-CONTROLLED WINDOW WINDER WITH A GUIDING TRACK

Title (de)
SEILFENSTERHEBER MIT EINER FÜHRUNGSSCHIENE

Title (fr)
LEVE-VITRE A CABLE POURVU D'UN RAIL

Publication
EP 0956417 A1 19991117 (DE)

Application
EP 97954720 A 19971223

Priority
• DE 9703035 W 19971223
• DE 19654851 A 19961230

Abstract (en)
[origin: DE19654851C1] The invention relates to a cable-controlled window winder, particularly for motor vehicles, comprising a guiding track (10), a catch (20) for a window pane which is positioned movably against the guiding track, and a cable loop (1) that is firmly attached to the catch, connected to a drive unit and guided along the guiding track by reversing elements. According to the invention, the locking element is the base component of the catch (20) positioned movably against the guiding track, said base component of the catch (20) has a supporting area (23), preferably a supporting edge, which by swivelling the catch (20) can be brought into a positive fit with a supporting element (30) provided for along the guiding track (10). In addition, the supporting area (23) of the catch (20) assigned to the supporting element (30) is at a distance from the axis of traction of the cable loop, the supporting element (30) is positioned below the friction element (29) and the window pane (7) is articulated with the catch (20).

IPC 1-7
E05F 11/50; **E05F 11/48**

IPC 8 full level
B60J 1/17 (2006.01); **E05F 11/48** (2006.01); **E05F 11/50** (2006.01); **E05F 11/38** (2006.01)

CPC (source: EP US)
E05F 11/483 (2013.01 - EP US); **E05F 11/488** (2013.01 - EP US); **E05F 11/505** (2013.01 - EP US); **E05F 11/385** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)
See references of WO 9829632A1

Designated contracting state (EPC)
DE ES FR GB IT SE

DOCDB simple family (publication)
DE 19654851 C1 19980610; BR 9714114 A 20000321; DE 59703203 D1 20010426; EP 0956417 A1 19991117; EP 0956417 B1 20010321; ES 2156415 T3 20010616; JP 2001507418 A 20010605; JP 3514261 B2 20040331; US 6050029 A 20000418; WO 9829632 A1 19980709

DOCDB simple family (application)
DE 19654851 A 19961230; BR 9714114 A 19971223; DE 59703203 T 19971223; DE 9703035 W 19971223; EP 97954720 A 19971223; ES 97954720 T 19971223; JP 52954898 A 19971223; US 28455399 A 19990415