

Title (en)
Slide of a window regular for motor vehicles

Title (de)
Mitnehmer eines Fensterhebers für Kraftfahrzeuge

Title (fr)
Chariot de lève-vitre pour véhicule automobile

Publication
EP 0643187 B1 19970226 (FR)

Application
EP 94401977 A 19940907

Priority
FR 9310699 A 19930909

Abstract (en)
[origin: EP0643187A1] The slide (carriage) (3) according to the invention, capable of sliding on a vertical fixed rail (4) includes, for direct attachment to the associated window (2), an upper abutment (8) for the bottom of the window, from which there projects upwardly a rigid portion (6a) for guiding the rail and an elastic tab (10) with a stud (12) which hooks into a hole (13) in the window. This carriage (3) applies particularly to the door glass window lifters of motor vehicles. <IMAGE>

IPC 1-7
E05F 11/48; **E05F 11/38**

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

CPC (source: EP)
E05F 11/385 (2013.01); **E05F 11/486** (2013.01); **E05F 2011/387** (2013.01); **E05Y 2600/53** (2013.01); **E05Y 2900/55** (2013.01)

Cited by
CN113958226A; FR2849886A1; DE10039688B4; EP0997600A1; FR2785326A1; CN106476694A; US11965370B2; DE102012208562A1; WO0192669A1; DE202012101871U1; DE102012223825A1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
EP 0643187 A1 19950315; **EP 0643187 B1 19970226**; DE 69401793 D1 19970403; DE 69401793 T2 19970612; ES 2098882 T3 19970501; FR 2709705 A1 19950317; FR 2709705 B1 19951006

DOCDB simple family (application)
EP 94401977 A 19940907; DE 69401793 T 19940907; ES 94401977 T 19940907; FR 9310699 A 19930909