

Title (en)

Glass carrier guide in a window regulator of a vehicle door

Title (de)

Scheibenmitnehmer für einen Fensterheber einer KFZ-Tür

Title (fr)

Curseur de support de vitre dans un lève-vitre de porte de véhicule

Publication

**EP 0964125 A1 19991215 (FR)**

Application

**EP 99401418 A 19990610**

Priority

FR 9807458 A 19980612

Abstract (en)

The slider consists of a block (3) shaped to fit on a guide rail (4) and be driven by a cable. The block is fastened to the window (2) by an elastic connector (6) inserted in a hole (7) in the window and fixed in place by a locking pin (8). The connector is located on a side lug (9) on the block and the locking pin (8) or, in a variant, a screw (17) is fitted from the inside of the vehicle so that it cannot be undone from the outside.

IPC 1-7

**E05F 11/48**

IPC 8 full level

**E05F 11/38** (2006.01); **E05F 11/48** (2006.01)

CPC (source: EP US)

**E05F 11/385** (2013.01 - EP US); **E05F 11/483** (2013.01 - EP US); **E05F 2011/387** (2013.01 - EP US); **E05Y 2900/55** (2013.01 - EP US)

Citation (search report)

- [X] DE 4321616 A1 19950105 - BROSE FAHRZEUGTEILE [DE]
- [Y] DE 4239601 A1 19940526 - BAYERISCHE MOTOREN WERKE AG [DE]
- [YA] DE 4440170 A1 19960515 - BROSE FAHRZEUGTEILE [DE]
- [Y] US 4095370 A 19780620 - MUEHLING ANTHONY A
- [Y] GB 1193949 A 19700603 - RAYMOND A [DE]
- [A] US 4442633 A 19840417 - GIANOTTI GIOVANNI [IT]

Cited by

EP3480402A1; CN109747393A; ES2223259A1

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0964125 A1 19991215**; FR 2779761 A1 19991217; FR 2779761 B1 20040702; US 6332289 B1 20011225

DOCDB simple family (application)

**EP 99401418 A 19990610**; FR 9807458 A 19980612; US 33229199 A 19990611