

Title (en)

Safety device for electric windows of motor-vehicles.

Title (de)

Sicherheitsvorrichtung für elektrische Fensterheber von Kraftfahrzeugen.

Title (fr)

Dispositif de sécurité pour lève-vitres électriques de véhicule.

Publication

EP 0675257 A1 19951004 (EN)

Application

EP 95830112 A 19950328

Priority

IT TO940236 A 19940330

Abstract (en)

An electric window of a motor-vehicle is provided with a safety device comprising a support element (9) connected to the base of the window pane (5) of the window and an auxiliary element (14) which is driven by the driving mechanism (10, 11) of the electric window, and transfers its movement to the support element (9) through spring means (18). In case the raising of the window pane (5) is opposed, there is a relative movement of the auxiliary element (14) with respect to the support element (9) which causes compression of said spring means (18) and the activation of sensor means (19, 20) which provide for stopping and/or inverting the rotation of the driving electric motor (10). <IMAGE>

IPC 1-7

E05F 15/00; **E05F 15/16**

IPC 8 full level

E05F 15/00 (2006.01)

CPC (source: EP)

E05F 15/41 (2013.01); **E05F 15/689** (2015.01); **E05F 11/405** (2013.01); **E05Y 2400/552** (2013.01); **E05Y 2900/55** (2013.01)

Citation (search report)

- [A] EP 0578529 A1 19940112 - ROCKWELL BODY & CHASSIS SYST [FR]
- [A] EP 0107531 A1 19840502 - PEUGEOT ACIERS ET OUTILLAGE [FR]
- [A] US 2225003 A 19401217 - GORMAN VINCENT J
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- [A] EP 0578534 A1 19940112 - ROCKWELL BODY & CHASSIS SYST [FR]

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EP 0675257 A1 19951004; **EP 0675257 B1 19970528**; DE 69500321 D1 19970703; DE 69500321 T2 19971002; ES 2105863 T3 19971016; IT 1273093 B 19970704; IT TO940236 A0 19940330; IT TO940236 A1 19950930

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