

Title (en)

Safety device for sliding wing, especially for automatically closing sliding door.

Title (de)

Sicherheitsvorrichtung für Schiebeflügel, insbesondere für eine automatisch schliessende Schiebetür.

Title (fr)

Dispositif de sécurité pour vantaux coulissants, notamment pour porte coulissante à fermeture automatique.

Publication

**EP 0018239 A1 19801029 (FR)**

Application

**EP 80400205 A 19800212**

Priority

FR 7904205 A 19790215

Abstract (en)

1. Safety device for sliding leaves, especially for a sliding door with automatic closure, comprising a motor (86) for displacing the leaf or leaves (10, 12) with a limited closing force, and a detector (90) of non-closure to signal the presence of an obstacle (80, 82, 84) in the joining plane of the uprights (14, 16) coming into the said closing position on contact, characterized in that the said uprights (14, 16) carry on their edge (18, 36), over the entire or virtually the entire height, respectively a male part (42, 44) and a matching female part (26) fitting into one another in the said closing position, the dimensions of the said parts being such that the presence of an obstacle, even of small thickness and flexible, impedes this fitting into one another and the closure.

Abstract (fr)

En position de fermeture de la porte une partie mâle (42) vient s'emboîter à faible jeu dans une partie conjuguée (26) et cet emboîtement est empêché par la présence d'un obstacle (80,82,84) dans le plan de joint de la porte. Un fourreau (62) rétractable à bord souple gaine ladite partie mâle, Le dispositif peut être appliqué à des portes d'ascenseurs ou de véhicules de transport.

IPC 1-7

**E05F 15/00**; **B66B 13/26**

IPC 8 full level

**B66B 13/26** (2006.01); **E05F 15/00** (2006.01)

CPC (source: EP)

**B66B 13/26** (2013.01); **E05F 15/48** (2015.01); **E05Y 2900/104** (2013.01); **E05Y 2900/531** (2013.01)

Citation (search report)

- FR 1465600 A 19670113 - PARIS & DU RHONE
- DE 2107254 A1 19720907 - WILDT R
- FR 2089278 A5 19720107 - CHRYSLER UK
- FR 2335681 A1 19770715 - WESTINGHOUSE BRAKE & SIGNAL [GB]

Cited by

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**EP 0018239 A1 19801029**; **EP 0018239 B1 19830406**; AT E2974 T1 19830415; DE 3062569 D1 19830511; FR 2449183 A1 19800912; FR 2449183 B1 19821008

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