

Title (en)

Mechanism for protection against pinching of secondary borderings on outside swing doors.

Title (de)

Einklemmschutz für Nebenschliesskanten bei Aussenschwingtüren.

Title (fr)

Mécanisme de protection contre le blocage pour arêtes auxiliaires sur des portes oscillantes vers l'intérieur.

Publication

EP 0408537 B1 19940316 (DE)

Application

EP 90890177 A 19900607

Priority

AT 143289 A 19890609

Abstract (en)

[origin: EP0408537A1] The invention relates to a protection against pinching for secondary closing edges (8) of outer swing doors which can be moved from the end opening position into the end closing position and back in the manner of a parallelogram by means of driven supporting links (4) and at least one guide link (6). The protection against pinching is obtained in that each guide link (6) has two longitudinal parts (9, 10) guided against one another and displaceable counter to the force of the spring (20) in order to shorten the link length. In an embodiment of the invention, one longitudinal part (10) can carry an electrical or pneumatic limit switch (23) and the other longitudinal part (9) can have a stop for this limit switch, the limit switch (23) switching the drive either to "no power" or to "door opening". <IMAGE>

IPC 1-7

E05B 65/12

IPC 8 full level

E05F 15/41 (2015.01); **E05F 15/42** (2015.01)

CPC (source: EP)

E05F 15/41 (2015.01); **E05F 15/42** (2015.01); **E05F 2015/483** (2015.01); **E05Y 2201/474** (2013.01); **E05Y 2400/552** (2013.01); **E05Y 2600/11** (2013.01); **E05Y 2600/40** (2013.01); **E05Y 2900/51** (2013.01)

Cited by

ES2070706A2; DE102005002878A1; ES2067379A2

Designated contracting state (EPC)

CH DE FR LI NL

DOCDB simple family (publication)

EP 0408537 A1 19910116; **EP 0408537 B1 19940316**; AT 395305 B 19921125; AT A143289 A 19920415; DE 59004982 D1 19940421

DOCDB simple family (application)

EP 90890177 A 19900607; AT 143289 A 19890609; DE 59004982 T 19900607