

Title (en)

LOCKING DEVICE FOR FOLDING-DOOR LEAVES WITH CLOSING SYSTEM.

Title (de)

FESTSTELLVORRICHTUNG FÜR TÜRFLÜGEL MIT EINEM TÜRSCHLIESSER.

Title (fr)

DISPOSITIF DE BLOCAGE DE BATTANTS DE PORTES A FERME-PORTE AUTOMATIQUE.

Publication

EP 0515375 A1 19921202 (DE)

Application

EP 91900162 A 19901213

Priority

- DE 9000962 W 19901213
- DE 4005203 A 19900220

Abstract (en)

[origin: WO9113229A1] The locking device proposed comprises basically a retaining unit with which the slider, which is connected to the pivoting arm of a door closing system and slides along a guide rail, can be held in place against a block. The retaining unit comprises a slip-on retention member which automatically releases and resets. In order to produce a low-profile retaining unit requiring only a relatively flat guide rail, the retaining unit is designed with spring-mounted arms (19) having inclined leading and trailing surfaces with a locking recess (23) between them locking with a counter-block on the guide rail when the door is opened.

Abstract (fr)

Un dispositif de blocage comprend essentiellement une unité de retenue capable de retenir sur une butée une coulisse couplée au bras pivotant d'un ferme-porte automatique et longitudinalement mobile dans un rail de guidage, l'unité de retenue comprenant un organe de retenue glissant, qui se relâche ou se contracte automatiquement. Afin d'obtenir une unité de retenue plate, qui ne requiert en outre qu'un rail de guidage relativement plat, l'organe de retenue comprend des branches (19) suspendues sur des ressorts ayant un biseau montant et un biseau descendant, interrompus par une encoche (23), qui rentrent en contact avec une butée montée sur le rail de guidage lorsque l'on ouvre le battant de la porte.

IPC 1-7

E05C 17/28

IPC 8 full level

E05C 17/28 (2006.01)

CPC (source: EP)

E05C 17/28 (2013.01)

Citation (search report)

See references of WO 9113229A1

Cited by

DE10030332A1; DE10030332C2

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

WO 9113229 A1 19910905; AT E122753 T1 19950615; DE 4005203 A1 19910822; DE 59009105 D1 19950622; DK 0515375 T3 19951016; EP 0515375 A1 19921202; EP 0515375 B1 19950517; ES 2034928 T1 19930416; ES 2034928 T3 19950716; FI 923129 A0 19920707; FI 923129 A 19920707; FI 93383 B 19941215; FI 93383 C 19950327; NO 300650 B1 19970630; NO 923209 D0 19920817; NO 923209 L 19920817

DOCDB simple family (application)

DE 9000962 W 19901213; AT 91900162 T 19901213; DE 4005203 A 19900220; DE 59009105 T 19901213; DK 91900162 T 19901213; EP 91900162 A 19901213; ES 91900162 T 19901213; FI 923129 A 19920707; NO 923209 A 19920817