

Title (en)

Locking device for remotely operated pivoting-sliding doors.

Title (de)

Verriegelungseinrichtung für fernbetätigte Drehschwenktüren.

Title (fr)

Dispositif de verrouillage pour portes pivotantes-coulissantes à télécommande.

Publication

EP 0035176 A1 19810909 (DE)

Application

EP 81101176 A 19810219

Priority

CH 172580 A 19800305

Abstract (en)

1. Locking device for remotely operated pivoting-sliding doors especially on rail vehicles, the locking element of which is kept in a closed position by means of a spring (21) and moved in an opened position by means of a pressure transmitter (22), whereby the locking element consists of an angle lever (16) which is pivotably borne around a bolt (19) at its vertex and in active connection with a reversing lever (7), characterized in that an arm (3) of the reversing lever (7) is flexibly connected with the piston rod (2) of the cylinder (1) of the door drive and that another arm (6) of the reversing lever (7) possesses a swivel roller (20) against which, solely in the closed position, one leg (17) of the angle lever is pressed so that a turn of the reversing lever (7) caused by the door drive is blocked and that, in the opened position, the active connection between the angle lever (16) and the reversing lever (7) is cancelled.

Abstract (de)

Das Verriegelungsorgan (16) ist mittels einer Feder (21) in einer Geschlossenstellung gehalten und über einen Druckgeber in eine Offenstellung bewegt. Durch Anordnen des als Winkelhebel (16) ausgebildeten Verriegelungsorgans im Türantriebssystem wird die Tür (13, 15) indirekt verriegelt und zeichnet sich dadurch vor allem bei großen Fahrgeschwindigkeiten durch eine hervorragende Laufruhe aus.

IPC 1-7

E05F 15/06; B61D 19/02

IPC 8 full level

B61D 19/02 (2006.01); **E05F 15/06** (2006.01); **E05F 15/56** (2015.01); **E05F 15/04** (2006.01)

CPC (source: EP)

B61D 19/02 (2013.01); **E05F 15/56** (2015.01); **E05F 15/53** (2015.01); **E05F 15/565** (2015.01); **E05Y 2900/51** (2013.01)

Citation (search report)

DE 816407 C 19511011 - VER BAUBESCHLAG GRETSCH CO

Cited by

EP0479003A3; EP0359640A1; FR2639892A1; WO9002678A1

Designated contracting state (EPC)

AT BE DE FR IT

DOCDB simple family (publication)

EP 0035176 A1 19810909; EP 0035176 B1 19831116; AT E5341 T1 19831215; CH 646487 A5 19841130; DE 3161394 D1 19831222; DK 149534 B 19860714; DK 149534 C 19870309; DK 80081 A 19810906

DOCDB simple family (application)

EP 81101176 A 19810219; AT 81101176 T 19810219; CH 172580 A 19800305; DE 3161394 T 19810219; DK 80081 A 19810223