

Title (en)

OPENING AND CLOSING MECHANISM FOR DOORS OFFERING THE PROVISION OF A CHINK, ESPECIALLY FOR CABLE CARS

Publication

**EP 0297971 B1 19911113 (FR)**

Application

**EP 88401647 A 19880628**

Priority

FR 8709222 A 19870630

Abstract (en)

[origin: EP0297971A1] Between the pinion 13, fixed to the control lever 14, and the pinion 10 operating the door 1 is an air spring 12 attached at eccentric points to these two pinions. In the event of an object 25 being caught as the door 1 closes, the air spring 12 allows the door to be secured while applying to it a constant closing force however much it may be ajar. An interlocking bar 22, operated by a pivoting lever 21, is designed to interlock with a degree of play, the door 1 being in the closed position, with a pivoting rocker bar 6 connected to the door 1. The invention is of particular application to the doors of cable cars. <IMAGE>

IPC 1-7

**B61B 12/00**; **B61D 19/02**; **E05F 17/00**

IPC 8 full level

**B61B 12/00** (2006.01); **B61D 19/02** (2006.01); **E05F 15/00** (2006.01); **E05F 17/00** (2006.01)

CPC (source: EP)

**B61B 12/002** (2013.01); **B61D 19/026** (2013.01); **E05F 15/40** (2015.01); **E05F 17/004** (2013.01); **E05Y 2900/51** (2013.01)

Cited by

EP2067682A1; WO2006102742A1

Designated contracting state (EPC)

AT CH DE GB IT LI SE

DOCDB simple family (publication)

**EP 0297971 A1 19890104**; **EP 0297971 B1 19911113**; AT E69415 T1 19911115; DE 297971 T1 19891005; DE 3866172 D1 19911219; FR 2617529 A1 19890106; FR 2617529 B1 19891208

DOCDB simple family (application)

**EP 88401647 A 19880628**; AT 88401647 T 19880628; DE 3866172 T 19880628; DE 88401647 T 19880628; FR 8709222 A 19870630