

Title (en)

Safety mechanism for actuating swinging doors with two wings

Title (de)

Sicherheitsmechanismus zum Betätigen von Pendeltüren mit zwei Flügeln

Title (fr)

Mécanisme de sécurité pour la manoeuvre des portes battantes à deux vantaux

Publication

EP 0690194 B1 19971210 (FR)

Application

EP 95420171 A 19950627

Priority

FR 9408247 A 19940628

Abstract (en)

[origin: EP0690194A1] The safety mechanism consists of two roller units (5,6) which are fixed to the door panels (1,2), and each having two drums (5a,5b; 6a,6b) situated one above the other and having different diameters. The drums are equipped with spring-loaded cables (7,8) which are fitted so that they roll or unroll in opposite directions. Each spring (7a,8a) is located between two sections of cable and has non-contacting coils. At least one of the two roller units has a shock absorber (9) to provide a brake on its rotation, especially when the door panels are closing. At least one of the door panels is linked to a stop system (5c,10) to limit the angle through which each of the doors can be opened. <IMAGE>

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IPC 8 full level

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