

Title (en)
BLOCKING DEVICE FOR EMBEDDABLE SLIDING DOORS

Title (de)
SPERRVORRICHTUNG FÜR EINBETTBARE SCHIEBETÜREN

Title (fr)
DISPOSITIF DE VERROUILLAGE POUR PORTES ENCASTRABLES-COULISSANTES

Publication
EP 1336544 A1 20030820 (EN)

Application
EP 00976085 A 20001122

Priority
ES 0000448 W 20001122

Abstract (en)
The conventional pneumatic cylinder acting on a longitudinal guide (3) for sliding doors, with which said doors (1) are released or locked in the body (2) of the car, simultaneously acts on a shaft (4) to which is radially attached a crank (5) that on its free end is hinged to a connecting rod (6), that is in turn hinged to the longitudinal guide (3), so that when the longitudinal guide (3) is displaced outwards so that the doors (1) may slide in order to open or close, the crank (5) and the connecting rod (6) form a small angle α , that is gradually reduced during the maneuver that locks the guide (3) and therefore the doors (1), until an end position in which the value of said angle slightly exceeds zero, and in which the aforementioned connecting rod (6) acts as a blocking and safety element that keeps the doors in the locked position, preventing their improper opening. <IMAGE>

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IPC 8 full level
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EP 1336544 A1 20030820; **EP 1336544 B1 20060111**; AU 1397701 A 20020603; DE 60025519 D1 20060406; ES 2256059 T3 20060716; WO 0242143 A1 20020530

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