

Title (en)  
MECHANISM FOR ACTUATING SLIDING DOORS

Title (de)  
BETÄTIGUNGSMECHANISMUS FÜR SCHIEBETÜREN

Title (fr)  
MECANISME D'ACTIONNEMENT DE PORTES COULISSANTES

Publication  
**EP 1288421 A1 20030305 (EN)**

Application  
**EP 00927257 A 20000519**

Priority  
ES 0000183 W 20000519

Abstract (en)  
It comprises a carriage (1), meant to be attached to one of the edges of the door and following the same trajectory as it, which carriage may travel by means of rollers along a support rail (7), which incorporates, suitably attached to its ends, the ends of a toothed belt (3) which passes through a set of rolls (4-5-5') mounted on a support (6) that is joined to the support rail (7), one of which rolls (4) receives the motion of an electric motor (9) which is also mounted on the support (6), so that a rotation in one sense of the rotor of the motor (9) will cause a motion in one sense of the carriage (1), and therefore of the door connected to it, and vice versa. A movable arm (12) mounted on the support (6) causes the door to lock in its final closed position, as it locks in a housing (14) of the carriage (1), which carriage can be released from this locked position automatically by the rotation of the stator of the motor (9), or manually with the aid of a cam (15), both of which act on the arm (12). <IMAGE>

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**E05F 15/14**; **B61D 19/00**; **B61D 19/02**

IPC 8 full level  
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