

Title (en)
SUPPORTING AND OPERATING MECHANISM FOR A SLIDING DOOR

Title (de)
STÜTZ- UND BETRIEBSMECHANISMUS FÜR EINE SCHIEBETÜR

Title (fr)
MECANISME DE SUPPORT ET DE FONCTIONNEMENT DE PORTE COULISSANTE

Publication
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Application
EP 09727072 A 20090401

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Abstract (en)
[origin: WO2009122015A1] The invention relates to a supporting and operating mechanism for a sliding door, including an upright strut (2) at the door's vertical edge, by way of which the supporting and operating mechanism is linked with a door (1). The upright strut (2) has its top end provided with at least two sets of rollers (3, 4), of which an upper roller set (3, 3) is adapted to roll along the top surface of a first horizontal track (5) and a lower roller set (4, 4) is adapted to roll along the bottom surface of the first horizontal track (5). The upright strut (2) has its bottom end provided with at least two sets of rollers (3, 4), of which an upper roller set (3) is adapted to roll along the top surface of a second horizontal track (6) and a lower roller set (4, 4) is adapted to roll along the bottom surface of the second horizontal track (6). The horizontal run of a belt or chain (10), drivable back and forth by the motor (9), includes an engagement point (13) which is attached to the upright strut (2).

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