

Title (en)
SLIDING DOOR

Title (de)
SCHIEBETÜR

Title (fr)
PORTE COULISSANTE

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Application
EP 06817744 A 20061212

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Abstract (en)
[origin: WO2007071083A1] A description is given of a suspension means which is intended for a door (1) or a wall element (1) and by means of which the door (1) or the wall element (1) can be displaced from a closed position (P1), in which the door (1) or the wall element (1) is arranged within an opening essentially parallel to the surrounding wall (29), into an open position (P3), in which the door (1) or the wall element (1) is offset laterally in the rearward direction and is arranged, at least in part, behind the surrounding wall (29). The door (1) or the wall element (1) here can be displaced from the open position (P3) into the closed position (P1) along at least one running rail (7, 8), arranged above the wall opening, via a front carriage (9), as seen in the closing direction, and via a rear carriage (19), as seen in the closing direction. The suspension means is characterized, in particular, in that two essentially linear running rails (7, 8) are provided, wherein the front carriage (9) is mounted on the first running rail (7) and the rear carriage (19) is mounted on the second running rail (8), wherein the second running rail (8) is arranged essentially parallel to the surrounding wall (29) and at the rear, as seen in the closing direction, the first running rail (7) is arranged at the front, as seen in the closing direction, and the first running rail (7) encloses an angle (a) in the region of 1-30° with the second running rail (8), and wherein the rear carriage (19) comprises an offsetting element (15) by means of which the rear edge (36) of the door (1) or of the wall element (1), as seen in the closing direction, is offset, in the first instance, essentially exclusively laterally in the rearward direction when the opening operation is initiated.

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