

Title (en)
SLIDING DOOR

Title (de)
SCHIEBETÜRE

Title (fr)
PORTE COULISSANTE

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Application
EP 20706358 A 20200302

Priority
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Abstract (en)
[origin: WO2020182513A1] In a sliding door (1) which can be installed between two wall elements (3.1, 3.2) of a building wall that have a door opening (5), wherein the sliding door comprises a door leaf support frame (8) which is guided on a linear guide (6.1) arranged above the door opening (5) and can be displaced horizontally by a traction means drive (20) driven by an electric motor (21), wherein at least one door leaf (15.1, 15.2) is mounted on the door leaf support frame (8) by way of link levers (16), which form a parallelogram guide system, in such a way that a distance between the door leaf (15.1, 15.2) and the door leaf support frame (8) that is measured at a right angle to outer surfaces of the wall elements (3.1, 3.2) can be varied in such a way that, in the open state of the sliding door (1), the outer surface of the door leaf can be positioned between the two wall elements (3.1, 3.2) and, in the closed state, can be positioned in the door opening (5) and in alignment with the outer surface of the wall element (3.1, 3.2) assigned to the door leaf (15.1, 15.2), a control body (30), which can be displaced in the displacement direction of the door leaf support frame, is arranged in or on the door leaf support frame (8) and, at the start of an end region of a closing movement of the door leaf support frame (8), can be blocked by means of a positionally fixed stop (6.2.1) and at the same time can be displaced relative to the still further moving door leaf support frame (8), wherein a transmission mechanism is present which converts a relative movement, which occurs between the control body (30) and the door leaf support frame (8), into a defined pivoting movement of the link levers (16) forming a parallelogram guide system and thus into an increase in the distance between the door leaf and the door leaf support frame (8).

IPC 8 full level
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