

Title (en)

CONTROL OF THE MOVEMENT OF A SLIDING OR SWINGING AND SLIDING DOOR IN ITS END CLOSING AREA

Title (de)

STEUERUNG DER BEWEGUNG EINER SCHIEBE- BZW. SCHWENKSCHIEBETÜR IN IHREM SCHLIESSENBEBEREICH

Title (fr)

COMMANDE DU MOUVEMENT D'UNE PORTE COULISSANTE OU COULISSANTE ET PIVOTANTE DANS SA ZONE EXTREME DE FERMETURE

Publication

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Application

**EP 01911235 A 20010314**

Priority

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- AT 4272000 A 20000316

Abstract (en)

[origin: WO0169025A1] The invention relates to the control of the movement of a sliding or swinging and sliding door (1) in its end closing area (x). The door leaf (82) can always move in the direction of closing by means of a free wheel (8) or similar but can only move in the direction of opening when a brake, coupling (9) or other fixing device for the part of the free wheel (8) that is located further away from the door leaf is released. A device for determining the position of the door is also provided. The invention is characterised in that any conventional anti-jamming measures that might be provided in the predetermined end closing area (x) are deactivated, in that as long as the door leaf (2) is located in the end closing area, the power to the door drive (4) and therefore, the closing force exerted on the door leaf, is reduced and in that the brake, coupling (9) or similar acting on part of the free wheel (8) that is located further away from the door leaf is released. The invention also relates to embodiments of this basic idea.

IPC 1-7

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IPC 8 full level

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