

Title (en)

SLIDING DOOR SYSTEM AND METHOD FOR OPERATING SAME

Title (de)

VERFAHREN ZUM BETRIEB EINER SCHIEBETÜRANLAGE UND SCHIEBETÜRANLAGE

Title (fr)

PROCÉDÉ DE FONCTIONNEMENT D'UNE INSTALLATION DE PORTE COULISSANTE ET INSTALLATION DE PORTE COULISSANTE

Publication

EP 3715571 B1 20220216 (DE)

Application

EP 20164558 A 20200320

Priority

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Abstract (en)

[origin: CN111749574A] The invention relates to a method for operating a sliding door device. The sliding door device includes: a door driver having a traction mechanism configured as a toothed belt; a sliding door traveling mechanism having a sliding frame for sliding door elements, the sliding frame being coupled with the traction mechanism; and a locking device for locking the door driver, wherein the locking device has at least one locking mechanism that can move back and forth between a release position and a locked position. At the locked position, the locking section of the locking mechanism cooperates with the traction mechanism in a form-fitting manner. The method has the following method steps: in a triggering step, a locking command for moving the locking mechanism into the locked position is transmitted to the locking device; and in a detection step following the triggering step, the position of the locking mechanism is detected by means of a position sensor of the locking device.

IPC 8 full level

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CPC (source: CN EP)

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Citation (opposition)

Opponent : GEZE GmbH

- DE 19700859 A1 19980716 - GEZE GMBH & CO [DE]
- EP 1681414 A2 20060719 - GEZE GMBH [DE]
- CN 108131063 A 20180608 - ASSA ABLOY ENTRANCE SYSTEMS AB
- DE 19908191 C1 20000706 - AGTA RECORD AG FEHRALTORF [CH]
- US 6888335 B2 20050503 - SATO YOSHINOBU [JP], et al

Designated contracting state (EPC)

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DOCDB simple family (publication)

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