Title (en)

DOOR DRIVE

Title (de)

TÜRANTRIEB

Title (fr)

DISPOSITIF D'ENTRAINEMENT DE PORTE

Publication

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Application

EP 97928098 A 19970709

Priority

- EP 97928098 A 19970709
- CH 9700263 W 19970709
- EP 96810491 A 19960725

Abstract (en)

[origin: WO9804801A1] Door drive functioning by means of a friction wheel, for a sliding door for elevators, consisting of at least one door leaf (1) moving in a linear or curving motion that is suspended by means of guide rollers (3) and guided along a guideway (2). At least one of the guide rollers (3) is designed as a motorized roller (3') moving the door leaf, in the form of an external-rotor motor. The motor is either a direct-current motor with permanent magnets (5) in the external rotor, and electronic commutation, or a three-phase alternating-current motor with laminated external rotor with short-circuited winding and laminated internal stator (6) with three-phase winding. In addition, a power transmission element (18) can be provided between the motorized roller (3') and the guide roller (3") if needed.

IPC 1-7

E05F 15/14

IPC 8 full level

B66B 13/08 (2006.01); **E05F 15/14** (2006.01)

CPC (source: EP US)

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