

Title (en)
DOOR DRIVE

Title (de)
TÜRANTRIEB

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT DE PORTE

Publication
EP 0914537 A1 19990512 (DE)

Application
EP 97928098 A 19970709

Priority
• EP 97928098 A 19970709
• CH 9700263 W 19970709
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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.

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E05F 15/14

IPC 8 full level
B66B 13/08 (2006.01); **E05F 15/14** (2006.01)

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Citation (search report)
See references of WO 9804801A1

Cited by
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