

Title (en)  
DOOR DRIVE

Title (de)  
TÜRANTRIEB

Title (fr)  
DISPOSITIF D'ENTRAINEMENT DE PORTE

Publication  
**EP 0914537 B1 20000503 (DE)**

Application  
**EP 97928098 A 19970709**

Priority  

- EP 97928098 A 19970709
- CH 9700263 W 19970709
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Abstract (en)  
[origin: US5852897A] A friction wheel door drive for a sliding door for lifts consisting of at least one rectilinearly or curvilinearly moved door leaf (1), which is suspended of guide rollers (3) and is guided at a guide (2) is presented. At least one of the guide rollers (3) is formed as a motor roller (3') moving the door leaf and in the form of an outside rotor motor. The motor may be either a direct current motor with permanent magnets in the outside rotor and electronic commutation or a polyphase induction motor with a laminated outside rotor having a short-circuited winding and a laminated inner stator with a polyphase alternating current winding. Force transmission between the motor roller (3') and a running roller (3'") may be provided by a transmission (18), between motor roller (3') and running roller (3'") is possible.

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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Cited by  
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**WO 9804801 A1 19980205**; AT E192541 T1 20000515; AU 3252497 A 19980220; AU 720140 B2 20000525; CA 2259933 A1 19980205;  
CN 1226302 A 19990818; DE 59701598 D1 20000608; DK 0914537 T3 20000925; EP 0914537 A1 19990512; EP 0914537 B1 20000503;  
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