

Title (en)  
REVOLVING DOOR DRIVE MECHANISM

Title (de)  
DREHTÜRANTRIEB

Title (fr)  
SYSTEME D'ENTRAINEMENT POUR PORTE A TAMBOUR

Publication  
**EP 0963499 A1 19991215 (DE)**

Application  
**EP 98966340 A 19981216**

Priority  
• DE 19756496 A 19971219  
• EP 9808236 W 19981216

Abstract (en)  
[origin: US6223469B1] Pivot-hung door drive system with an electronic control system that contains at least one memory and one microprocessor, for an at least single-panel door, the door panel of which is driven by an electro-mechanical drive unit that acts in the opening and closing directions. The drive unit consists essentially of a drive motor with a transmission and a power transmission unit for the door connected to it, whereby the power transmission unit consists of a drive shaft which is connected with one end of an actuator lever and the pivot-hung door drive system is installed inside a door panel or inside a door frame or casing. The power transmission unit consists of a screw with a nut that partly surrounds it, which nut is positively and non-positively connected to a toothed rack, whereby the drive shaft is engaged with its gear teeth in the gear teeth of the toothed rack.

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**E05F 15/12**

IPC 8 full level  
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