

Title (en)  
SWINGING DOOR DRIVE

Title (de)  
SCHWENKTÜRANTRIEB

Title (fr)  
MECANISME D'ENTRAINEMENT D'UNE PORTE BATTANTE

Publication  
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Application  
**EP 94920385 A 19940704**

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Abstract (en)  
[origin: US5687507A] Apparatus is are disclosed for selective alteration and control of door movement modes, the apparatus being primarily non-hydraulic and incorporated with a known mechanism which is functional independently from the apparatus in one mode of operation and which includes a piston for controlling door closing characteristics by selected fluid flow within the mechanism. The apparatus includes a motor driven lead screw having a linearly movable shuttle unit mounted thereon, the shuttle unit being positioned relative to the piston of the mechanism to accommodate nonattached contact with the piston to urge the piston, when the shuttle unit is moved, in a direction that will at least provide selective assistance with door opening in another mode of operation.

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IPC 8 full level  
**E05F 15/603** (2015.01); **E05F 3/22** (2006.01)

CPC (source: EP US)  
**E05F 15/40** (2015.01 - EP US); **E05F 15/63** (2015.01 - EP US); **E05F 15/70** (2015.01 - EP US); **E05F 3/224** (2013.01 - EP US); **E05F 15/619** (2015.01 - EP US); **E05F 15/622** (2013.01 - EP US); **E05Y 2201/214** (2013.01 - EP US); **E05Y 2201/232** (2013.01 - EP US); **E05Y 2201/41** (2013.01 - EP US); **E05Y 2201/422** (2013.01 - EP US); **E05Y 2201/434** (2013.01 - EP US); **E05Y 2201/722** (2013.01 - EP US); **E05Y 2400/302** (2013.01 - EP US); **E05Y 2400/36** (2013.01 - EP US); **E05Y 2400/454** (2013.01 - EP US); **E05Y 2400/456** (2013.01 - EP US); **E05Y 2400/514** (2013.01 - EP US); **E05Y 2400/532** (2013.01 - EP US); **E05Y 2800/00** (2013.01 - EP US); **E05Y 2800/113** (2013.01 - EP US); **E05Y 2800/172** (2013.01 - EP US); **E05Y 2800/174** (2013.01 - EP US); **E05Y 2800/25** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US); **Y10T 74/18688** (2015.01 - EP US)

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