

Title (en)
PROCESS FOR OPERATING A REVOLVING DOOR DRIVE

Title (de)
VERFAHREN ZUM BETRIEB EINES DREHTÜRANTRIEBES

Title (fr)
PROCEDE PERMETTANT LE FONCTIONNEMENT D'UN MECANISME D'ENTRAINEMENT DE PORTE A TAMBOUR

Publication
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Application
EP 94920383 A 19940704

Priority
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• US 9296293 A 19930719

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)
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Cited by
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US 5687507 A 19971118; AT E149056 T1 19970315; AT E151495 T1 19970415; AU 2476797 A 19970828; AU 685369 B2 19980115; AU 7120294 A 19950220; AU 7120394 A 19950220; AU 7225594 A 19950220; CA 2124403 A1 19950120; CA 2124403 C 20011218; CZ 12796 A3 19960717; CZ 284612 B6 19990113; CZ 292354 B6 20030917; CZ 35695 A3 19951213; DE 59401838 D1 19970327; DE 59402372 D1 19970515; DK 0662185 T3 19971020; DK 0710316 T3 19970825; EP 0662185 A1 19950712; EP 0662185 B1 19970409; EP 0662186 A1 19950712; EP 0710316 A1 19960508; EP 0710316 B1 19970219; ES 2073388 T1 19950816; ES 2073388 T3 19970601; ES 2073389 T1 19950816; ES 2087048 T1 19960716; ES 2087048 T3 19970416; FI 103140 B1 19990430; FI 103140 B 19990430; FI 103141 B1 19990430; FI 103141 B 19990430; FI 951215 A0 19950315; FI 951215 A 19950315; FI 951216 A0 19950315; FI 951216 A 19950315; FI 960228 A0 19960117; FI 960228 A 19960117; GR 3023239 T3 19970730; GR 960300036 T1 19960630; HK 1000136 A1 19971219; HK 1000145 A1 19971224; HU 214611 B 19980428; HU 214657 B 19980428; HU 9403619 D0 19950529; HU 9403620 D0 19950529; HU 9502314 D0 19951030; HU T69226 A 19950828; HU T69227 A 19950828; HU T72212 A 19960328; JP 2675920 B2 19971112; JP 2865871 B2 19990308; JP H07507117 A 19950803; JP H08501849 A 19960227; JP H08507113 A 19960730; NO 301607 B1 19971117; NO 302669 B1 19980406; NO 305324 B1 19990510; NO 950891 D0 19950308; NO 950891 L 19950308; NO 950892 D0 19950308; NO 950892 L 19950308; NO 953425 D0 19950831; NO 953425 L 19950831; PL 174627 B1 19980831; PL 174653 B1 19980831; PL 308118 A1 19950724; PL 308120 A1 19950724; PL 312619 A1 19960429; SK 281700 B6 20010710; SK 284720 B6 20051006; SK 35795 A3 19960207; SK 35895 A3 19960605; SK 5496 A3 19960703; WO 9503466 A1 19950202; WO 9503467 A1 19950202; WO 9503468 A1 19950202

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US 53703595 A 19950929; AT 94920383 T 19940704; AT 94920385 T 19940704; AU 2476797 A 19970606; AU 7120294 A 19940704; AU 7120394 A 19940704; AU 7225594 A 19940714; CA 2124403 A 19940526; CZ 12796 A 19940704; CZ 35695 A 19940704; DE 59401838 T 19940704; DE 59402372 T 19940704; DE 9400778 W 19940704; DE 9400780 W 19940704; DE 9400827 W 19940714; DK 94920383 T 19940704; DK 94920385 T 19940704; EP 94920383 A 19940704; EP 94920385 A 19940704; EP 94921571 A 19940714; ES 94920383 T 19940704; ES 94920385 T 19940704; ES 94921571 T 19940714; FI 951215 A 19950315; FI 951216 A 19950315; FI 960228 A 19960117; GR 960300036 T 19960630; GR 970400904 T 19970422; HK 97101657 A 19970815; HK 97101660 A 19970815; HU 9403619 A 19940704; HU 9403620 A 19940714; HU 9502314 A 19940704; JP 50485094 A 19940704; JP 50485194 A 19940704; JP 50485795 A 19940714; NO 950891 A 19950308; NO 950892 A 19950308; NO 953425 A 19950831; PL 30811894 A 19940704; PL 30812094 A 19940714; PL 31261994 A 19940704; SK 35795 A 19940714; SK 35895 A 19940704; SK 5496 A 19940704