

Title (en)
DOOR CLOSER

Title (de)
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Title (fr)
FERME-PORTE

Publication
EP 1062401 A2 20001227 (DE)

Application
EP 99957338 A 19991206

Priority
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Abstract (en)
[origin: US6618899B1] A door closer assembly and method of making the assembly, in which the closing force is exerted by at least one closing spring. The door closer assembly comprises a housing, a rotor journaled in said housing to deliver torque, and at least one piston apparatus, wherein said housing, said rotor, and said at least one piston apparatus are comprised of the same material of construction and exhibit at least substantially the same thermal expansion coefficient.

IPC 1-7
E05F 3/10

IPC 8 full level
E05F 3/10 (2006.01)

CPC (source: EP US)
E05F 3/10 (2013.01 - EP US); **E05F 3/102** (2013.01 - EP US); **E05F 3/104** (2013.01 - EP US); **E05F 3/225** (2013.01 - EP US); **E05F 3/227** (2013.01 - EP US); **E05Y 2201/256** (2013.01 - EP US); **E05Y 2201/264** (2013.01 - EP US); **E05Y 2800/21** (2013.01 - EP US); **E05Y 2900/132** (2013.01 - EP US)

Cited by
US9995076B1

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AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

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US 6618899 B1 20030916; AT E336631 T1 20060915; BR 9907879 A 20001017; CA 2320809 A1 20000622; CN 1243901 C 20060301; CN 1492963 A 20040428; DE 19857297 C1 20000706; DE 59913779 D1 20060928; EP 1062401 A2 20001227; EP 1062401 B1 20060816; ES 2272085 T3 20070416; HK 1063066 A1 20041210; HU 224757 B1 20060130; HU P0101011 A2 20010730; HU P0101011 A3 20011228; PL 346265 A1 20020128; WO 0036255 A2 20000622; WO 0036255 A3 20001012

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