

Title (en)

LOCKING DEVICE FOR DOORS OF DOMESTIC MACHINES

Publication

EP 0007637 B1 19810923 (DE)

Application

EP 79102685 A 19790727

Priority

DE 2833860 A 19780802

Abstract (en)

[origin: US4314217A] A locking device includes a housing, a plunger slidably supported in the housing for displacement in a first direction between two end positions and an electromagnet disposed in the housing and having a solenoid and an armature displaceable in a second direction by the force of a magnetic field generated upon energization of the solenoid and a coupling arrangement for operatively connecting the armature with the plunger for affecting the position of the plunger dependent upon the position of the armature. The coupling arrangement comprises a switch-over device which has two stable end positions and which is force-transmittingly connected to the plunger.

IPC 1-7

D06F 37/10; **D06F 37/18**; **D06F 37/28**; **D06F 39/14**; **E05B 47/00**

IPC 8 full level

E05B 47/06 (2006.01); **D06F 37/10** (2006.01); **D06F 37/18** (2006.01); **D06F 37/28** (2006.01); **D06F 37/42** (2006.01); **D06F 39/14** (2006.01); **E05B 47/00** (2006.01)

CPC (source: EP US)

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Cited by

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Designated contracting state (EPC)

CH DE FR GB IT SE

DOCDB simple family (publication)

EP 0007637 A1 19800206; **EP 0007637 B1 19810923**; DE 2833860 A1 19800221; DE 2960894 D1 19811210; JP S5552476 A 19800416; JP S5916629 B2 19840417; US 4314217 A 19820202

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