

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)  
**D06F 37/42** (2013.01 - EP US); **Y10T 70/7113** (2015.04 - EP US)

Cited by  
EP0483697A1; EP0359728A3; FR2487390A1

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

DOCDB simple family (application)  
**EP 79102685 A 19790727**; DE 2833860 A 19780802; DE 2960894 T 19790727; JP 9742579 A 19790801; US 6311479 A 19790801