

Title (en)
Device for intercepting the flow of a fluid, in particular for washing machines

Title (de)
Vorrichtung zum Unterbrechen des Durchflusses, insbesondere für Waschmaschinen

Title (fr)
Dispositif d'arrêt d'un fluide, en particulier pour des lave-linges

Publication
EP 1101435 A3 20020612 (EN)

Application
EP 00124811 A 20001114

Priority
IT TO990997 A 19991116

Abstract (en)
[origin: EP1101435A2] A device is described, for intercepting the flow of a fluid that passes through a distributing circuit (4,6), in particular of a washing machine, where the said device (10) comprises an actuator (15) presenting a displacement organ (15A) capable of working in two opposite directions, said displacement organ (15A) being able to move a movable shutter member (14) until the latter reaches at least a first working position, striker means (AP,AP') that follow the movement of said shutter member (14) and capable of coming into contact with respective fixed stopping surfaces (18A,18B), the contact of said striker means (AP,AP') with a first of said stopping surfaces (18A,18B) corresponding to the attainment by said shutter member (14) of said first working position. According to the invention, under constancy of power supply to said actuator (15), the latter is capable of automatically inverting the direction of movement of said displacement organ (15A), as a result of the effect, in particular the mechanical effect, that the contact of said striker means (AP,AP') with one of said stopping surfaces (18A,18B) determines on said displacement organ (15A).
<IMAGE>

IPC 1-7
A47L 15/42; **A47L 15/23**

IPC 8 full level
A47L 15/23 (2006.01); **A47L 15/42** (2006.01)

CPC (source: EP)
A47L 15/4221 (2013.01); **A47L 15/4289** (2013.01)

Citation (search report)
• [A] EP 0705561 A1 19960410 - CANDY SPA [IT]
• [A] US 2918927 A 19591229 - CLEARMAN JACK F
• [A] FR 2431277 A3 19800215 - LICENTIA GMBH [DE]
• [A] DE 3904359 A1 19900816 - LICENTIA GMBH [DE]
• [DA] EP 0940577 A2 19990908 - ELTEK SPA [IT]
• [A] GB 2023411 A 19800103 - LICENTIA GMBH
• [A] DE 3406698 A1 19850829 - BUDERUS AG [DE]

Cited by
EP2756789A3; KR100850998B1; DE102005044393B4; EP1882436A1; DE102005043923B4; ITPR20120095A1; US9931015B2; US11085450B2; US10087938B2; WO2010052040A2; US10258220B2; US7614409B2; US10416685B2; WO2010052040A3; WO2017069552A1

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1101435 A2 20010523; **EP 1101435 A3 20020612**; **EP 1101435 B1 20090401**; AT E427065 T1 20090415; DE 60041905 D1 20090514; ES 2325051 T3 20090825; IT 1311444 B1 20020312; IT TO990997 A0 19991116; IT TO990997 A1 20010516

DOCDB simple family (application)
EP 00124811 A 20001114; AT 00124811 T 20001114; DE 60041905 T 20001114; ES 00124811 T 20001114; IT TO990997 A 19991116