

Title (en)

Flow rate regulation arrangement for the wash liquor in clothes washing machines.

Title (de)

Regelung der Strömungsmenge von Waschmittel in Kleiderwaschmaschinen.

Title (fr)

Dispositif de régulation du débit du liquide de lavage pour machines à laver le linge.

Publication

**EP 0555656 A1 19930818 (EN)**

Application

**EP 93100643 A 19930118**

Priority

IT PN920010 A 19920211

Abstract (en)

Flow rate regulation arrangement for the wash liquor in a clothes washing machine comprising an outer washing tub, a recirculation conduit (1) connected with both the lower and the upper portion of said washing tub, an electromechanical actuator means (2) and an electronic microprocessor means connected to an electric printed-circuit board and arranged to detect and identify the various positions taken by a rotary selector means for letting the various detergents and laundering product into said washing tub at the correct time during the washing process. Said regulation arrangement comprising a cam (5) with a properly contoured outer profile, adapted to be operated by said actuator means (2) and capable of causing, through a cam follower (7) and an alternately displaceable lever (8), said recirculation conduit (1) to be more or less throttled under resulting variation, from a given maximum value to a given minimum one, in the flow rate of the wash liquor pumped through said conduit. <IMAGE>

IPC 1-7

**D06F 39/08**

IPC 8 full level

**D06F 39/08** (2006.01)

CPC (source: EP US)

**D06F 39/083** (2013.01 - EP US)

Citation (search report)

- [A] DE 1811106 A1 19700604 - SIEMENS ELEKTROGERAETE GMBH
- [A] US 3129574 A 19640421 - WOLVERTON KENNETH H
- [A] DE 959822 C 19570314 - SIEMENS AG
- [A] EP 0335485 A2 19891004 - FISHER & PAYKEL [NZ]

Cited by

JP2014030592A

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

**EP 0555656 A1 19930818; EP 0555656 B1 19960724;** DE 69303736 D1 19960829; DE 69303736 T2 19961128; ES 2092141 T3 19961116; IT 1259202 B 19960311; IT PN920010 A0 19920211; IT PN920010 A1 19930811

DOCDB simple family (application)

**EP 93100643 A 19930118;** DE 69303736 T 19930118; ES 93100643 T 19930118; IT PN920010 A 19920211