

Title (en)

Device for diverting and shutting-off the spraying flow in a dishwashing machine, a washing machine in general and associated machine which uses this device

Title (de)

Vorrichtung zum Ablenken und Schliessen des Wasserstromes in einer Geschirrspülmaschine, einer Wasmaschine oder dergleichen

Title (fr)

Dispositif pour dévier et arrêter la circulation de l'eau dans une machine à laver la vaisselle, le linge ou similaire

Publication

EP 0786230 A3 19980805 (EN)

Application

EP 96202595 A 19960917

Priority

IT MI960140 A 19960126

Abstract (en)

[origin: EP0786230A2] Device for diverting and shutting off the flow of liquid in particular in a dishwashing machine, in which the flow of liquid initiated by a pump into a chamber (8, 41) provided with a number of outlets (9, 10, 24, 35, 36) is selectively shut off by plugs (11, 12, 26, 38, 39) for sealing the outlets, which plugs are closed by the hydrodynamic thrust exerted by the flow on the plugs and are each held in the open position, even in the presence of flow, by the mutual force of attraction exerted between a magnetic element (17, 18, 28, 50, 51) of the plug and the core (19, 23, 29, 45) of an electromagnet (20, 22, 30, 43, 44) which is associated with each plug and the temporary excitation of which reduces or cancels the mutual force of attraction, allowing the associated plug to be closed, which plug is advantageously in the form of a blade-type lever hinged on the device body and returns to the open position, when the pump is deactivated, by the effect of gravity. <IMAGE>

IPC 1-7

A47L 15/42; **D06F 39/08**

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [YA] DE 4241497 A1 19940616 - BOSCH SIEMENS HAUSGERAETE [DE]
- [YA] EP 0547011 A1 19930616 - COLGED S R L [IT]
- [E] DE 19626823 A1 19970109 - ELBI INT SPA [IT]

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