

Title (en)
Dishwashing machine with differenced washing capability

Title (de)
Geschirrspülmaschine mit veränderlicher Spüllfähigkeit

Title (fr)
Machine à laver la vaisselle à capacité variable de lavage

Publication
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Application
EP 96117865 A 19961107

Priority
IT TO950908 A 19951110

Abstract (en)
A dishwashing machine is described comprising an upper sprayer (6), a lower sprayer (4), a wash-liquid collecting sump (1), a washing pump (2), a supply circuit (5) to the upper sprayer (6), a supply circuit (3) to the lower sprayer (4) and an interception element (7') located downstream the pump (2) to exclude the supply circuit to one of the sprayers (4,6) if a washing cycle for a reduced crockery load is selected. According to the present invention an auxiliary hydraulic circuit (8) is provided between the pump delivery side (2) and the collecting sump (1), which is automatically inserted in case of a washing of a reduced load, and a setting element (9) located in said auxiliary circuit (8) to reduce water consumption but letting the pump (2) operate in a favourable work point and limiting the pressure on the interception element (7'). <IMAGE>

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A47L 15/23; **A47L 15/42**

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

CPC (source: EP)
A47L 15/4221 (2013.01)

Citation (search report)
• [DA] EP 0237994 A2 19870923 - ZANUSSI ELETTRODOMESTICI [IT]
• [DA] FR 2505643 A1 19821119 - CANDY IND SPA [IT]
• [DA] EP 0054448 A1 19820623 - ESSWEIN SA [FR]
• [A] FR 2443231 A2 19800704 - ESSWEIN SA
• [A] FR 2523430 A3 19830923 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by
EP1992269A3; EP0943282A3; EP1004266A1; CN106821251A; US11490778B2; US11903543B2

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