

Title (en)
Machine for washing

Title (de)
Maschine zum Waschen

Title (fr)
Machine à laver

Publication
EP 2620090 A1 20130731 (EN)

Application
EP 13151353 A 20130115

Priority
IT TO20120057 A 20120124

Abstract (en)
A machine for washing comprises: - a supply line (AC), which includes a first conductor (N) and a second conductor (L); - a plurality of electrical loads, which include a heating element (R) and a motor (P) of a pump; and - a control circuit, which includes: - a control unit (CU); - first switching means (DS'), which can be driven by the control unit (CU) for supplying the heating element (R) by connecting it between the first and second conductors (L, N); and - second switching means (TR), which can be driven by the control unit (CU) for supplying the motor (P) by connecting it between the first and second conductors (L, N). The control unit (CU) is configured for driving the first switching means (DS') and the second switching means (TR) for supplying the heating element (R) during periods of operation of the machine different from those in which the motor (P) is supplied. The first switching means are constituted by a monostable switch (DS') that can be switched between: - a first position, in which the motor (P) is connected between the first and second conductors (L, N) through the monostable switch (DS') in said first position and said second switching means (TR); and - a second position, in which the heating element (R) is connected between the first and second conductors (L, N) through the monostable switch (DS') in said second position. The stable position of the monostable switch (DS') is said first position.

IPC 8 full level
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CPC (source: EP US)
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Citation (search report)
• [A] EP 1867775 A1 20071219 - ELECTROLUX HOME PROD CORP [BE]
• [A] EP 2386806 A1 20111116 - ELECTROLUX HOME PROD CORP [BE]
• [A] EP 2085836 A1 20090805 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
• [A] EP 0740008 A2 19961030 - WHIRLPOOL EUROP [NL]

Cited by
DE102019004677A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

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