

Title (en)

Washing machine with control of the detergent use and control method thereof.

Title (de)

Waschmaschine mit Waschmittelverbrauchssteuerung und Steuerungsverfahren.

Title (fr)

Machine à laver avec commande de l'utilisation de détergent et procédé de commande.

Publication

**EP 0666358 A1 19950809 (EN)**

Application

**EP 95101487 A 19950203**

Priority

IT TO940058 A 19940203

Abstract (en)

A washing machine is described, comprising all the known elements for its functioning, from among which a control system that supervises the carrying out of one or more washing programmes selected by the user of the machine by way of control means, at least one washing program that can be selected providing a phase within which the use of a washing agent is provided, characterised in that sensor means (R) are provided that, during the functioning of the machine, are able to detect the presence of washing agents in the washing liquid, and in that said control system, (T, MP), as a function of the results of the detection carried out by said sensors (R), is able to act upon the carrying out of the selected washing program and/or to command signal means (S) of the incorrect and/or missing addition of a washing agent in the washing liquid. <IMAGE>

IPC 1-7

**D06F 39/00**

IPC 8 full level

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Citation (search report)

- [XA] US 3645669 A 19720229 - RAUSCH GERHARD
- [XA] US 3223108 A 19651214 - MARTZ JR ARTHUR F
- [XA] FR 2455648 A1 19801128 - LICENTIA GMBH [DE]
- [XA] GB 2217050 A 19891018 - HAKULINEN VESA
- [XA] US 3796925 A 19740312 - BREEDING W
- [X] DE 9217789 U1 19930311
- [XA] EP 0231843 A2 19870812 - BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

CN102535112A; CN113944030A; EP1096054A1; FR2800397A1; CZ302006B6; CN108697599A; EP1997948A1; US6523204B1; US11980679B2; WO2009013147A1; US11904036B2; US11992540B2; US11197810B2; US11197809B2; US11986543B2; US11771635B2; US11679065B2; US11819474B2

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