

Title (en)

Method for detecting pump faults in a washing machine

Title (de)

Verfahren zur Fehlerermittlung für die Pumpe einer Waschmaschine

Title (fr)

Procédé de détection des défaillances de la pompe dans une lave-linge

Publication

EP 1900867 A1 20080319 (EN)

Application

EP 06120591 A 20060913

Priority

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Abstract (en)

The present invention refers to a method for detecting pump faults in a washing machine (6) provided with a turbidity sensor (5) mounted on a measuring section of a conduit (3) which is in fluid communication with said pump (4). The present method is characterised by comprising the following steps: (A) when the pump (4) is switched off and said conduit (3) is empty, a first signal is provided indicative of a first turbidity measurement; (B) when the pump (4) is energized, a second signal is provided indicative of a second turbidity measurement; (C) calculating the difference between the first and the second signal and comparing such difference with a preset threshold value; (D) supplying a pump fault signal if said difference is lower than the preset threshold value.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

- [XA] EP 0992621 A2 20000412 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [AD] US 6378341 B1 20020430 - WIEMER HORST [DE], et al
- [A] DE 3603323 A1 19870806 - BOSCH SIEMENS HAUSGERAETE [DE]
- [A] DE 20023575 U1 20041125 - BSH BOSCH SIEMENS HAUSGERAETE [DE]
- [A] EP 1688529 A1 20060809 - ELECTROLUX HOME PROD CORP [BE]

Cited by

EP2455529A4

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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