

Title (en)

Method of operating a water-circulating household appliance

Title (de)

Betriebsverfahren für ein wasserführendes Haushaltsgerät

Title (fr)

Procédé de fonctionnement d'un appareil domestique à circulation d'eau

Publication

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Application

EP 13194996 A 20131129

Priority

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Abstract (en)

Herein a method of operating a water-circulating household appliance 2 is disclosed. The water-circulating household appliance 2 comprises an electric motor 4 and a washing liquid circuit 6, the washing liquid circuit comprising a pump 8 for circulating washing liquid through the washing liquid circuit. A portion of the washing liquid circuit is arranged in thermal communication with the electric motor. For heating the washing liquid, the method comprises a step of driving the electric motor, over a time period longer than 1 minute, with a higher electrical power input than required for circulating the washing liquid through the washing liquid circuit with the pump rotating in the primary direction of rotation. Also disclosed is a water-circulating household appliance 2.

IPC 8 full level

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CPC (source: EP US)

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Citation (applicant)

- WO 0028878 A1 20000525 - MIELE & CIE [DE]
- GB 1002532 A 19650825 - KITCHEN MACHINES HOLDING A G

Citation (search report)

- [I] DE 9010254 U1 19911031
- [A] EP 1669017 A1 20060614 - ELECTROLUX HOME PROD CORP [BE]
- [A] WO 2010064055 A1 20100610 - ELECTRONICA PRODUCTS LTD [GB], et al
- [A] CN 201861600 U 20110615 - GUANGDONG GALANZ GROUP CO LTD
- [A] EP 1219228 A1 20020703 - BSH BOSCH SIEMENS HAUSGERAETE [DE]

Cited by

CN110151082A

Designated contracting state (EPC)

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