

Title (en)

Method of operating a steam generator of a laundry appliance, and laundry appliance for performing the method

Title (de)

Verfahren zum Betreiben eines Dampfgenerators eines Wäschebehandlungsgerätes und Wäschebehandlungsgerät

Title (fr)

Procédé de fonctionnement d'un générateur de vapeur d'un appareil de traitement du linge et appareil de traitement du linge

Publication

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Application

**EP 09168039 A 20090818**

Priority

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Abstract (en)

According to the present invention, a method of operating a steam generator 4 of a laundry appliance 1 is presented, wherein the steam generator 4 comprises a heater 13 to generate steam S from water W and a water supply means 14 to supply water W to the heater 13, the method comprising at least the following steps: measuring a temperature T meas of the heater 13 and, if the measured temperature T meas is below a lower target temperature T Pmin , decreasing a supply of water W to the heater 13; if the measured temperature T meas is above an upper target temperature T Pmax, increasing a supply of water W to the heater 13; if the measured temperature T meas is between the lower target temperature T Pmin and the upper target temperature T Pmax , keeping the supply of water W to the heater 13 substantially constant. The inventive laundry appliance 1 is adapted to perform the inventive method.

IPC 8 full level

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Citation (applicant)

- WO 9632607 A1 19961017 - FUTURA STEAM S R L [IT], et al
- EP 1026306 B1 20031105 - EURO STAR SRL [IT]
- US 4207683 A 19800617 - HORTON ROBERTA J [US]

Citation (search report)

- [XYI] EP 1887123 A1 20080213 - ELECTROLUX HOME PROD CORP [BE]
- [XYI] EP 1889966 A2 20080220 - WHIRLPOOL CO [US]
- [XYI] EP 1975308 A1 20081001 - KONINKL PHILIPS ELECTRONICS NV [NL]
- [XYI] EP 1464750 A1 20041006 - LG ELECTRONICS INC [KR]
- [XAYI] WO 0175360 A1 20011011 - IMETEC SPA [IT], et al
- [Y] EP 0795720 A1 19970917 - FEMIX DI GIANNELLI STEFANO [IT]
- [A] WO 2004005605 A1 20040115 - POLTI SPA [IT], et al
- [A] EP 2031114 A1 20090304 - WHIRLPOOL CO [US]
- [A] US 2004244432 A1 20041209 - KIM JIN WOONG [KR], et al
- [A] WO 2007145432 A1 20071221 - LG ELECTRONICS INC [KR], et al
- [A] EP 1873297 A2 20080102 - LG ELECTRONICS INC [KR]
- [A] EP 1655408 A1 20060510 - SAMSUNG ELECTRONICS CO LTD [KR]

Cited by

CN112609421A; EP2765232A1; EP3023049A1; CN111074514A; AU2012216382B2; EP2562302A3; EP2818593A1; EP2562302A2; US9150997B2; EP2578735A1

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