

Title (en)  
Method for washing laundry in a laundry washing machine

Title (de)  
Verfahren zum Waschen von Wäsche in einer Wäschewaschmaschine

Title (fr)  
Procédé de lavage du linge dans une machine à laver le linge

Publication  
**EP 2993262 A1 20160309 (EN)**

Appication  
**EP 14176151 A 20140902**

Priority  
EP 14176151 A 20140902

Abstract (en)  
The present invention relates to a method for washing laundry in a laundry washing machine (1) of the type comprising a washing tub (3) external to a rotatable washing drum (4) adapted to receive laundry and a draining device (25) comprising a draining pump (26) for draining liquid from the washing tub (3). The method comprises at least a draining phase (148) for draining liquid from the washing tub (3) by means of said draining device (25). The draining phase (148) comprises the steps of: a) activating (182) the draining pump (26); b) checking (185) the drainage flow rate (FR) of the liquid flowing through the draining pump (26); if the drainage flow rate (FR) is above or equal to a minimum flow rate threshold, then d) operating (199) the draining pump (26) and de-activating (186) the draining pump (26) when an end-draining condition is reached (194), if the drainage flow rate (FR) of the liquid flowing through the draining pump (26) is below a minimum flow rate threshold, then: e1) operating (184) the draining pump (26) for an on-time period (TON); e2) de-activating (186) the draining pump (26); e3) stopping (188) the draining pump (26) for an off-time period (TOFF; TOFF(n)); and e4) going back to step a).

IPC 8 full level  
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Citation (search report)

- [XY] WO 2014097251 A1 20140626 - INDESIT CO SPA [IT]
- [Y] US 2012199162 A1 20120809 - MONTGOMERY MARK D [US], et al
- [Y] DE 10002687 A1 20010726 - AEG HAUSGERÄETE GMBH [DE]
- [XI] US 2008163930 A1 20080710 - HA YO CHUL [KR]
- [X] US 2013312201 A1 20131128 - FRUCCO GIUSEPPE [IT]
- [XI] EP 2712950 A1 20140402 - ELECTROLUX HOME PROD CORP [BE]
- [XA] DE 102006025139 A1 20071206 - BSH BOSCH SIEMENS HAUSGERÄETE [DE]
- [XA] DE 10233278 A1 20040219 - WHIRLPOOL CO [US]

Cited by  
CN112593380A; CN111051599A; EP3351674A1; US10829885B2; US10947658B2; WO2019052664A1; WO2022104167A1

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