Title (en)
  Overflow control system

Title (de)
  Überlaufsteuerungssystem

Title (fr)
  Système de commande de trop-plein

Publication
  EP 2886702 A1 20150624 (EN)

Application
  EP 13198415 A 20131219

Priority
  EP 13198415 A 20131219

Abstract (en)
  A laundry washing machine (100) is provided. The laundry washing comprises: - a washing tub (107) configured to be supplied with washing liquid for treating laundry; - a rotatable drum (110), in which laundry (112) to be washed can be loaded, mounted in the washing tub (107); - a drain pump (170) operable to selectively cause washing liquid located in the washing tub (107) to be discharged; - an overflow control system (193, 194; 193, 194') for detecting an occurrence of an overflow condition of the laundry washing machine (100) in which a level of washing liquid collected at the bottom of the laundry washing machine (100) is equal to or higher than a predetermined threshold, and for driving the drain pump (170) to discharge washing liquid from the washing tub (107) in case an overflow condition has been detected, the overflow control system (193, 194; 193, 194') comprising a switching unit (193) and a detection unit (194; 194'), wherein: - the switching unit (193) comprises a switch (420) having a first terminal connected to a terminal (TL) of an AC electric power supply and a second terminal connected to the detection unit (194; 194'), the switch (420) being configured to electrically connect the first terminal with the second terminal in a closed configuration and to electrically insulate the first terminal from the second terminal in an open configuration, the switching unit (193) being configured to switch the switch (420) to the closed configuration when the level of washing liquid collected at the bottom of the laundry washing machine (100) is equal to or higher than said predetermined threshold, and - the detection unit (194; 194') is configured to detect an overflow condition occurrence and to drive the drain pump (170) to discharge washing liquid from the washing tub (107) when the switch (420) is in the closed configuration.

IPC 8 full level
  D06F 39/08 (2006.01); D06F 33/42 (2020.01); A47L 15/42 (2006.01); D06F 25/00 (2006.01); D06F 37/42 (2006.01)

CPC (source: EP US)
  D06F 33/42 (2020.02 - EP US); D06F 39/081 (2013.01 - EP US); A47L 15/421 (2013.01 - EP); D06F 37/42 (2013.01 - EP US); D06F 39/083 (2013.01 - EP US); D06F 2103/18 (2020.02 - EP US); D06F 2105/08 (2020.02 - EP US)

Citation (applicant)
  US 7032434 B2 20060425 - LEE YONG JAE [KR], et al

Citation (search report)
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Designated contracting state (EPC)
  AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
  BA ME

DOCDB simple family (publication)
  EP 2886702 A1 20150624; **EP 2886702 B1 20170222**; PL 2886702 T3 20170831

DOCDB simple family (application)
  EP 13198415 A 20131219; PL 13198415 T 20131219