

Title (en)

Washing machine and method for controlling supply of water thereof

Title (de)

Waschmaschine und Verfahren zur Steuerung der Wasserzufuhr dieser Waschmaschine

Title (fr)

Machine à laver et procédé permettant de commander l'alimentation en eau de cette machine

Publication

**EP 1679398 A1 20060712 (EN)**

Application

**EP 05254707 A 20050728**

Priority

KR 20050001357 A 20050106

Abstract (en)

A washing machine for preventing contaminants from degenerating and laundry from being damaged when water is supplied in a washing operation, and a method for controlling the supply of water thereof. Particularly, a washing machine for supplying cold water (S110) to laundry for sufficiently soaking the laundry and then supplying warm water (S130) at a high temperature to the laundry so as to prevent contaminants from degenerating, and a method for controlling the supply of water of the washing machine, thereby preventing the deterioration of washing performance of the washing machine. The method includes determining whether or not a water supply operation is selected, supplying cold water to soak laundry (S110) when it is determined that the water supply operation is selected and supplying warm water (S130), after the soaking of the laundry in the cold water, to prevent contaminants of the laundry from degenerating.

IPC 8 full level

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CPC (source: EP KR US)

**D06F 35/006** (2013.01 - EP KR US); **E01C 11/24** (2013.01 - KR); **E01C 15/00** (2013.01 - KR); **D06F 39/088** (2013.01 - EP KR US); **E01C 5/22** (2013.01 - KR); **E01C 2201/207** (2013.01 - KR)

Citation (search report)

- [XY] US 2677950 A 19540511 - DOUGLAS PEYTON W
- [Y] US 4503575 A 19850312 - KNOOP DONALD E [US], et al
- [Y] DE 4122307 A1 19930114 - LICENTIA GMBH [DE]
- [X] US 3063785 A 19621113 - FOREMAN CLAYTON E
- [XA] US 3467489 A 19690916 - ZANUSSI LINO
- [A] EP 0355450 A2 19900228 - LICENTIA GMBH [DE]
- [A] WO 03042447 A1 20030522 - MULTIBRAS ELETRODOMESTICOS SA [BR], et al
- [A] WO 03080916 A1 20031002 - LG ELECTRONICS INC [KR], et al
- [A] EP 0501240 A1 19920902 - LICENTIA GMBH [DE]

Cited by

EA022681B1; EP2458062A1; AU2011335165B2; US11028522B2; WO2012163410A1; WO2012072458A3; WO2011067285A1

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