

Title (en)  
WASHING MACHINE AND CONTROL METHOD THEREOF

Title (de)  
WASCHMASCHINE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)  
MACHINE À LAVER ET PROCÉDÉ DE COMMANDE DE CELLE-CI

Publication  
**EP 2828429 A4 20151104 (EN)**

Application  
**EP 13764937 A 20130320**

Priority  
• KR 20120028089 A 20120320  
• KR 20120056832 A 20120529  
• KR 2013002266 W 20130320

Abstract (en)  
[origin: US2013247307A1] A washing machine for reducing vibration and noise during a spin-drying cycle, and a control method thereof. According to the washing machine and the control method thereof, cloth piled up randomly in the washing tub is shaken and loosened through the stirring from side to side of the pulsator or the washing tub before water is supplied after putting the cloth therein, so that distribution of the cloth is made uniform to reduce vibration and noise during the spin-drying cycle. Further, unsatisfactory spin-drying due to abnormal vibration is prevented so that it is possible to reduce unnecessary consumption of water and spin-drying time. Further, even when the user does not put detergent in the detergent box but puts it directly onto the cloth, the detergent is shaken by the movement of the cloth, so it is possible to improve washing performance as the detergent and water are mixed well.

IPC 8 full level  
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**D06F 2105/46** (2020.02 - EP KR US)

Citation (search report)  
• [YA] US 2003208855 A1 20031113 - MCALLISTER K DAVID [US], et al  
• [A] US 2011179584 A1 20110728 - KIM DONGYOON [KR], et al  
• [YA] US 3387310 A 19680611 - MARSHALL DONALD E  
• See references of WO 2013141589A1

Designated contracting state (EPC)  
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KR 20130106750 A 20130930; WO 2013141589 A1 20130926

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