Title (en)

METHOD FOR DETECTING IMBALANCE OF WASHING MACHINE, AND WASHING MACHINE

Title (de)

VERFAHREN ZUR DETEKTION DER UNWUCHT EINER WASCHMASCHINE SOWIE WASCHMASCHINE

Title (fr)

PROCÉDÉ DE DÉTECTION DE DÉSÉQUILIBRE DE MACHINE À LAVER ET MACHINE À LAVER

Publication

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Application

EP 14895145 A 20140702

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Abstract (en)

A washing machine and method for detecting imbalance of the washing machine, comprising the following steps: running a dehydration process, and performing an eccentricity detection action in a test dehydration process performing eccentricity detection test dehydration action; a sensor module performing a eccentricity detection action to detect the eccentricity of a machine in real time, and setting a preliminary dehydration curve; when running a low-speed drain, the sensor module detects the low-speed eccentricity in real time; determining whether the detected low-speed eccentricity exceeds a set value; if yes, then correcting the low-speed eccentricity, and if not, then proceeding to the next step; when running a high-speed drain, the sensor module detects a high-speed eccentricity in real time; determining whether the high-speed eccentricity of the high-speed drain exceeds a set value; if yes, then correcting the high-speed eccentricity, and if not, then ending with a high-speed draining. The method employs active and real-time detection, avoiding the "jumps and bangs" phenomenon, and extending the service life of a washing machine.

IPC 8 full level

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CPC (source: EP KR US)

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