

Title (en)  
WASHING MACHINE AND CONTROL METHOD THEREFOR

Title (de)  
WASCHMASCHINE UND STEUERUNGSVERFAHREN DAFÜR

Title (fr)  
MACHINE À LAVER ET PROCÉDÉ DE COMMANDE ASSOCIÉ

Publication  
**EP 4190962 A1 20230607 (EN)**

Application  
**EP 21865827 A 20210819**

Priority  

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- CN 2021113472 W 20210819

Abstract (en)  
A washing machine and a control method thereof are provided. The washing machine includes: a housing (1); an inner drum (5) disposed within the housing (1); an electromagnetic heating coil (8) disposed within the housing (1); and an electromagnetic induction coil (18) located at a position opposite to the electromagnetic heating coil (8). The washing machine utilizes a principle of electromagnetic heating to determine the temperature of water inside the inner drum (5) by means of the mutual electromagnetic induction change between the electromagnetic heating coil (8) and the electromagnetic induction coil (18), thereby reducing arrangement of a temperature sensor, simplifying the structure of the washing machine and reducing the cost of the washing machine.

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