

Title (en)  
DISHWASHER FOR OPERATION IN VARIOUS VOLTAGE SYSTEMS

Title (de)  
SPÜLMASCHINE ZUM BETRIEB IN UNTERSCHIEDLICHEN SPANNUNGSNETZEN

Title (fr)  
LAVE-VAISSELLE POUVANT FONCTIONNER DANS DES RÉSEAUX TENSION DIFFÉRENTS

Publication  
**EP 2931109 B1 20181121 (DE)**

Application  
**EP 13817662 A 20131211**

Priority

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- EP 2013076160 W 20131211

Abstract (en)  
[origin: WO2014090844A1] The invention relates to a dishwasher, particularly a pass-through dishwasher, which can be operated in various low-voltage systems. The invention further relates to a method for saving energy in the standby mode of a dishwasher. To enable operation of the dishwasher in various low-voltage systems, the dishwasher detects the local low-voltage system to which it is connected, and controls the power supply to the load elements of the dishwasher accordingly. The fusing of the dishwasher, the resistance of the load elements and information on the individual phases of the wash cycle can also be taken into consideration for controlling power distribution. To save energy in the standby mode, the dishwasher does not continuously heat the wash water/fresh water to the required temperature. Instead, it ensures that the water does not drop below a certain temperature, at which it can still be guaranteed that the required water is available at the desired temperature, at the desired point in time in the wash cycle and, where applicable, in the desired amount when a wash cycle is activated, in order to facilitate a hygienic wash cycle.

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Citation (opposition)  
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