

Title (en)

Household appliance with a lambda probe and method for operating a domestic appliance with a lambda probe

Title (de)

Haushaltsgerät mit einer Lambda-Sonde bzw. Verfahren zum Betreiben eines Haushaltsgeräts mit einer Lambda-Sonde

Title (fr)

Appareil ménager avec une sonde lambda ou procédé de fonctionnement d'un appareil ménager avec une sonde lambda

Publication

EP 2639512 B1 20200506 (DE)

Application

EP 13157931 A 20130306

Priority

DE 102012204224 A 20120316

Abstract (en)

[origin: EP2639512A2] The appliance (101) has a lambda probe (102) that is connected with a down converter (109), or the lambda probe comprises the down converter. A sensor system (107) is arranged upstream of components of the lambda probe, where the sensor system comprises the down converter. An output voltage of the down converter is set as a probe voltage (U out) that is applied to a probe heater (104) of the down converter. A switch of the down converter is arranged with a frequency lying in a range between 20 KHz and 150 KHz. An independent claim is also included for a method for operating a lambda probe.

IPC 8 full level

F24C 7/08 (2006.01)

CPC (source: EP)

F24C 7/085 (2013.01)

Designated contracting state (EPC)

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DOCDB simple family (publication)

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