

Title (en)

COOKING APPLIANCE AND METHOD FOR CONTROLLING A COOKING APPLIANCE

Title (de)

KOCHGERÄT UND VERFAHREN ZUR STEUERUNG EINES KOCHGERÄTS

Title (fr)

APPAREIL DE CUISSON ET PROCÉDÉ DE COMMANDE POUR UN TEL APPAREIL

Publication

**EP 3190857 B1 20200401 (EN)**

Application

**EP 16150768 A 20160111**

Priority

EP 16150768 A 20160111

Abstract (en)

[origin: EP3190857A1] The invention relates to a cooking appliance comprising: - a heating element (2); - a temperature sensor (3) being adapted to derive a temperature (T) associated with the cooking appliance (1); - an electromechanical switch (4), said electromechanical switch (4) being coupled with the temperature sensor (3) for switching the electric power provided to the heating element (2) depending of the temperature (T) measured by the temperature sensor (3); and - a power control unit (5) comprising: #c a monitoring entity (5.1) being adapted to receive information regarding the switching operation of the electromechanical switch (4); #c a control entity (5.2) being adapted to establish switching information based on information provided by the monitoring entity (5.1), said switching information indicating that a switching operation has been performed by the electromechanical switch (4); and #c switching entity (5.3) comprising switching means (5.3.1) being electrically coupled with the heating element (2) for providing pulsed electrical power to the heating element (2) based on said switching information provided by the control entity (5.2).

IPC 8 full level

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CPC (source: EP)

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Cited by

CN111822289A; WO2021183068A1; US11737467B2; US11739942B2

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