

Title (en)
COOKING APPLIANCE

Title (de)
GÄRGERÄTEVORRICHTUNG

Title (fr)
ENSEMBLE APPAREIL DE CUISSON

Publication
EP 3967107 A1 20220316 (DE)

Application
EP 20723158 A 20200508

Priority
• EP 19382362 A 20190510
• EP 2020062833 W 20200508

Abstract (en)
[origin: WO2020229335A1] The invention relates to a cooking appliance, in particular an induction hob device, comprising at least one control and/or regulating unit (26) which is provided, in at least one periodic time duration operating heating mode (50) associated with at least one operating period of time (42), to repetitively control at least one induction area (32, 32', 32'', 32''') having a heating current frequency (36) and to supply power and to operate the induction area (32, 32', 32'', 32''') in at least one switched on time interval (40') of the operating period (42) with heating power, in particular a desired heating power (30, 30', 30'') or an excess of power with respect to the desired heating power (30, 30'). In order to improve control-related properties, the control and regulating unit (26) is provided to select, in the time duration operating heating mode (50), a total amount of all switched on time intervals (40, 40') of the operating time period (42) as a multiple of a reciprocal number of the heating current frequency (36).

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H05B 6/06 (2006.01)

CPC (source: EP US)
H05B 6/062 (2013.01 - EP US); **H05B 2213/05** (2013.01 - US)

Citation (search report)
See references of WO 2020229335A1

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