

Title (en)
DOMESTIC APPLIANCE DEVICE

Title (de)
HAUSHALTSGERÄTEVORRICHTUNG

Title (fr)
APPAREIL ÉLECTROMÉNAGER

Publication
EP 4159003 A1 20230405 (DE)

Application
EP 21726660 A 20210520

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Abstract (en)
[origin: WO2021244860A1] The invention relates to a domestic appliance device (10a-e), in particular a cooking appliance device, comprising at least one control unit (12a-e) which is provided to control at least one induction target (14a-e) repetitively with a switching frequency (16a-e) and to supply same with power. According to the invention, in order to provide a generic device with improved efficiency, the control unit (12a-e), in an operating state, modulates the switching frequency (16a-e) within a modulation period (18a-e) which corresponds to an integer multiple of a half period duration (20a-e) of a mains AC voltage (22a-e), by means of at least one frequency modulation.

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H05B 6/04 (2013.01 - US); **H05B 6/062** (2013.01 - EP US); **H05B 2213/03** (2013.01 - EP)

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