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(2) Date: **Nov. 9, 2022**(57) **ABSTRACT**

A household appliance device includes a control unit which is designed to control an induction target repetitively with a switching frequency and to supply the induction target with energy. The control unit is designed to modulate in an operating state through frequency modulation the switching frequency within a modulation period which corresponds to an integer multiple of a half period of a mains AC voltage.

