



US 20220369431A1

(19) **United States**(12) **Patent Application Publication**
VIROLI et al.(10) **Pub. No.: US 2022/0369431 A1**(43) **Pub. Date: Nov. 17, 2022**(54) **METHOD FOR CONTROLLING AN
INDUCTION COOKING HOB****Publication Classification**(51) **Int. Cl.**
H05B 6/06 (2006.01)(52) **U.S. Cl.**
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CHRISTIANSEN, Forli (IT)**(57) **ABSTRACT**

The present invention relates to a method for controlling an induction cooking hob, wherein said method comprises an operation mode for estimating the energy efficiency (EE), and wherein said operation mode includes the steps of: a) estimating (12) the dissipated electric energy (ED) of the induction cooking hob, b) comparing (14) the dissipated electric energy (ED) with a threshold value (EDthr) for said dissipated electric energy (ED), c) maintaining (16) the current working parameters of the induction cooking hob, if the dissipated electric energy (ED) is not bigger than the threshold value (EDthr), d) changing (18) the current working parameters, if the dissipated electric energy (ED) is bigger than the threshold value (EDthr), and e) repeating the steps a) and b) and then c) or d), respectively, after a predetermined time period.

(21) Appl. No.: **17/623,965**(22) PCT Filed: **Jun. 26, 2020**(86) PCT No.: **PCT/EP2020/067985**

§ 371 (c)(1),

(2) Date: **Dec. 30, 2021**(30) **Foreign Application Priority Data**

Jul. 12, 2019 (EP) 19185902.4

