

Title (en)
HOB DEVICE

Title (de)
KOCHMULDENVORRICHTUNG

Title (fr)
ENSEMBLE TABLE DE CUISSON

Publication
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Application
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Abstract (en)
[origin: WO2011135470A1] The basis for the invention is a hob device, in particular an induction hob device, having at least one switching unit (10) by means of which at least one power supply line can be interrupted and connected, a current which is generated by means of a power supply voltage flowing through said line during at least one operating process and said power supply line leading to a first switching element (S1). Said hob device also has at least one control device (14) which controls the switching unit (10) during the operating process in such a way that the switching unit (10) interrupts the power supply line during at least one first total time interval (t), and which initiates connection of the power supply line during the operating process immediately before and immediately after the first time interval (t) and initiates switching of the first switching element (S1) which begins and ends during the first time interval (t). In order to achieve a high degree of efficiency, it is proposed that the first time interval (t) be shorter than the duration of half a period of the power supply voltage.

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