

Title (en)  
COOKTOP

Title (de)  
KOCHMULDENVORRICHTUNG

Title (fr)  
DISPOSITIF DE TABLE DE CUISSON

Publication  
**EP 2548407 B1 20140409 (DE)**

Application  
**EP 11703704 A 20110217**

Priority  
• ES 201030379 A 20100316  
• EP 2011052347 W 20110217

Abstract (en)  
[origin: WO2011113660A1] The invention relates to a cooktop, comprising at least one control device (10; 10g) which is provided to vary, during at least one operating process, at least one periodic interval (d1; d1a, d1a - d1f, d2f) which exists between an on-state period (T1; T1a-T1f) of a first switching element (14, 18, 40, 42; 14g, 18g) and an on-state period (T2; T2a-T2f) of a second switching element (14, 18, 40, 42; 14g, 18g) and which exists within a switching period duration (T; Ta-Tf) of at least one of the switching elements (14, 18, 40, 42; 14g, 18g) in order to vary a heating power of at least one heating element (L, 44; Lg). In order to achieve high efficiency, according to the invention the cooktop has at least one electronic component designed as a switch-protection element (26; 26g), which is provided to protect at least one of the switching elements (14, 18, 40, 42; 14g, 18g).

IPC 8 full level  
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Cited by  
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