

Title (en)

Safety device for a cooker with high power microwave function

Title (de)

Sicherheitseinrichtung für ein Gargerät mit Mikrowellenfunktion hoher Leistung

Title (fr)

Dispositif de sécurité pour un appareil de cuisson ayant une fonction de micro-ondes à puissance élevée

Publication

EP 2146549 B1 20110112 (DE)

Application

EP 08290697 A 20080716

Priority

EP 08290697 A 20080716

Abstract (en)

[origin: EP2146549A1] The device (10) has changeover switches (S1, S2) connected with each other such that the switches provide a closure signal to a closure switch (14) e.g. relay, when the switches are in a switching position. The switches do not provide the closure signal to the closure switch when one of the changeover switches is in another switching position. The closure switch disconnects a power supply of a microwave source (12) i.e. magnetron, when the closure switch is closed according to a cycle of preset time lag after switching of one of the changeover switches into the latter position. An independent claim is also included for a method for securely switching off a microwave source in a cooking device with microwave function.

IPC 8 full level

H05B 6/66 (2006.01)

CPC (source: EP)

H05B 6/6417 (2013.01); **H05B 6/666** (2013.01)

Cited by

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Designated contracting state (EPC)

DE IT

DOCDB simple family (publication)

EP 2146549 A1 20100120; **EP 2146549 B1 20110112**; DE 502008002305 D1 20110224; DE 502008002306 D1 20110224; EP 2146550 A1 20100120; EP 2146550 B1 20110112

DOCDB simple family (application)

EP 08290697 A 20080716; DE 502008002305 T 20080716; DE 502008002306 T 20081017; EP 08290982 A 20081017