

Title (en)

MICROWAVE OVEN HAVING AN EXTRA-LOW-VOLTAGE SAFETY MECHANISM

Title (de)

MIKROWELLENOFEN MIT EINEM SICHERHEITSMECHANISMUS MIT EXTREM NIEDRIGER SPANNUNG

Title (fr)

FOUR À MICRO-ONDES DOTÉ D'UN MÉCANISME DE SÉCURITÉ EXTRA-BASSE TENSION

Publication

EP 3646671 A1 20200506 (EN)

Application

EP 17734975 A 20170626

Priority

CH 2017000065 W 20170626

Abstract (en)

[origin: WO2019000108A1] A microwave oven comprises a microwave generator (8) having several semiconductor switches (T1 - T6) driven by a driver circuit (14). Power for the driver circuit (14) is fed through a series of safety switches (S1 - S3) mechanically coupled to the door (2) of the oven. This allows using extra-low-voltage and low-current switches while still providing a reliable means for switching off the oven when its door (2) is being opened.

IPC 8 full level

H05B 6/64 (2006.01)

CPC (source: EP)

H05B 6/6417 (2013.01)

Citation (search report)

See references of WO 2019000108A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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