

Title (en)

Mechanical device suitable for regulating power output in microwave type cooking appliances.

Title (de)

Mechanische Vorrichtung, verwendbar zum Regulieren der Leistung von Mikrowellen-kochgeräten.

Title (fr)

Dispositif mécanique convenant pour la régulation de la puissance d' appareils de cuisson du type à micro-ondes.

Publication

EP 0398323 A1 19901122 (EN)

Application

EP 90109329 A 19900517

Priority

IT 2056989 A 19890519

Abstract (en)

The proposed device comprises: a wheel (1) in continuous rotation, having a drum (12) comprising at least one suitably shaped notch (13) in its lateral surface; a lever (3) pivoted on a pin (31), having one end (32) in contact with the outer lateral surface of said drum (12) and the opposite end (33) suitable for operating a pair of microswitches (4, 5) by pressing down relevant operating keys (41, 51); a pair of microswitches (4, 5) positioned at a different distance with respect to the pin (31), each microswitch (4, 5) having an operating key (41, 51); a spring (6) surrounding the portion of the pin (31) opposite the front end (35), suitable for the traverse of the lever (3) in the direction of the axis of the pin (31); a cam (7) integral with a rotating hand grip (72) suitable for setting the cooking power value, said cam being provided with a shaped profile (71), in contact with the front end (35) of the pin (31), the profile (71) consisting of a set of points making up a curve and placed at different distances (D) from the surface (72a) of the hand grip (72).

IPC 1-7

H05B 6/64; **H05B 6/80**

IPC 8 full level

H05B 6/64 (2006.01); **H05B 6/80** (2006.01)

CPC (source: EP)

H05B 6/64 (2013.01)

Citation (search report)

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- [A] DE 3603063 A1 19870806 - WEISS KG ALFONS [DE]
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Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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