

Title (en)

Sensor controlled cooking unit with condensate drain in the constructional functional unit

Title (de)

Sensorgesteuerte Garungseinheit mit Kondensatfalle in der konstruktiven Funktionseinheit

Title (fr)

Ensemble de cuisson commande par un capteur avec purgeur de condensat dans l'unité fonctionnelle constructif

Publication

EP 0845922 B1 20041006 (DE)

Application

EP 97121079 A 19971201

Priority

DE 19649914 A 19961202

Abstract (en)

[origin: EP0845922A2] The cooking device uses an IR sensor (1) projecting slightly above the surface (14) of the ceramic cooking hob, incorporated in a functional unit with a condensate trap which provides protection against a condensed water film. The condensate trap may be provided by a rough interior surface (20) of the plastics housing of the sensor, which may be treated with a hygroscopic chemical, or used in combination with a hygroscopic capsule.

IPC 1-7

H05B 1/02; **H05B 3/68**; **H05B 3/74**

IPC 8 full level

H05B 1/02 (2006.01); **H05B 3/68** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP)

H05B 1/0266 (2013.01); **H05B 3/68** (2013.01); **H05B 2213/07** (2013.01)

Cited by

EP3527893A1; DE102018202255A1; EP3396453A1; DE102015219571A1; DE102018219741A1; US11092514B2; DE102018202255B4

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