

Title (en)

A device for determining the location of cooking utensils on a cooking hob

Title (de)

Vorrichtung zur Bestimmung der Position von Kochgefäßen auf einer Kochplatte

Title (fr)

Dispositif pour déterminer la position d'un récipient de cuisson sur une plaque de cuisson

Publication

EP 1542508 A1 20050615 (EN)

Application

EP 03028048 A 20031208

Priority

EP 03028048 A 20031208

Abstract (en)

A device for determining the location of cooking utensils on a cooking hob comprises a plurality of heating elements distributed in a matrix pattern below a heat-resistant surface on which the cooking utensil can be placed in a random manner, each heating element being capable of working also as a magnetic field transmitter. The device comprises loops placed substantially around portions of the matrix of heating elements and working as magnetic field receivers. The loops comprise conductors interposed between each couple of adjacent columns or rows of the heating elements, connecting means being provided for linking each loop to a detection circuit. <IMAGE>

IPC 1-7

H05B 6/06

IPC 8 full level

H05B 3/74 (2006.01)

CPC (source: EP)

H05B 3/746 (2013.01); **H05B 2213/03** (2013.01); **H05B 2213/05** (2013.01)

Citation (search report)

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