

Title (en)

Device for detecting the presence of a food container, such as a saucepan, dish or the like, on a glass ceramic cooking hob.

Title (de)

Vorrichtung zur Anwesenheitserkennung eines Nahrungsmittelbehälters, wie einer Kochtopf oder ähnliches, auf einer Glaskeramik-Kochmulde.

Title (fr)

Appareil pour détecter la présence d'une récipient pour aliments, tel qu'une casserole ou similaire, sur une plaque de cuisson en vitro-céramique.

Publication

EP 0620698 A1 19941019 (EN)

Application

EP 93106000 A 19930413

Priority

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Abstract (en)

A device (K) for detecting the presence of a food container (11) such as a saucepan, dish or the like, placed on at least one heating element (3, 4) of a glass ceramic cooking hob (1) comprises electrical conductor means (18, 21) fed with signals which are identical but of opposite phase, between said means there being interposed detector means (19) traversed by electrical signals, said conductor and detector means (18, 21, 19) being positioned in correspondence with that cooking region (2) of the glass ceramic hob (1) where the heating element (3, 4) is positioned, the signals from the detector means (19) varying on the basis of the presence or absence of the food container (11) on the hob, control means (37) being provided to measure the variation in said signals and to intervene in the operation of the heating element (3, 4). <IMAGE>

IPC 1-7

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IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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