

Title (en)

Mains shock protection for sensors under glass ceramic hob.

Title (de)

Netzspannungs-Berührungsschutz für Sensoren unter Glaskeramik-Kochflächen.

Title (fr)

Protection contre l'électrocution pour les capteurs capacitifs au dessous d'une plaque vitro-céramique.

Publication

EP 0520213 B1 19950823 (DE)

Application

EP 92109286 A 19920602

Priority

DE 9108012 U 19910628

Abstract (en)

[origin: US5296682A] A cooktop assembly has a glass-ceramic cooktop, a radiant heater defining a heating zone of the cooktop, and a metal sensor disposed under the cooktop inside or outside the heating zone. A mains voltage contact protector for the sensor includes operating the sensor at a higher-frequency operating point than for normal operation, and a rejection filter being connected to the sensor and dimensioned for mains voltage contact protection.

IPC 1-7

H05B 3/74; **F24C 15/10**; **H03K 17/96**

IPC 8 full level

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CPC (source: EP US)

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