

Title (en)

Arrangement for heat protection of a heat-sensitive material from a heat source, kitchen hob and method for heat protection

Title (de)

Anordnung für Wärmeschutz eines wärmeempfindlichen Materials einer Wärmequelle, Küchenkochfeld und Wärmeschutzverfahren

Title (fr)

Agencement pour protéger d'une source de chaleur un matériau thermosensible, plaque de cuisson et procédé de protection thermique

Publication

**EP 2876372 B1 20180530 (EN)**

Application

**EP 13194060 A 20131122**

Priority

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Abstract (en)

[origin: EP2876372A1] The invention discloses an arrangement for heat protection, a kitchen hob and a method for heat protection. Characteristically it is particularly suitable for a flush-mounted gas burner (115) and to protect a workplate (105) made of heat-sensitive material from the heat emanated from the flush-mounted gas burner. Three thermal effects are used to protect the heat-sensitive material (105), i.e. thermal conduction (5410), thermal convection (5650) and heat reflection (5350). A U-shaped profile (3200) located adjacent to the housing (4025) of the kitchen hob and to the cutout of the workplate allows to direct an air stream towards the gas burners (115, 5150, 5120, 5130, 5140) to improve the combustion as well as to provide cooling to the cutout. Accordingly, a normal industry standardized cutout may be used for a flush-mounted kitchen hob.

IPC 8 full level

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