

Title (en)
CERAMIC HOB

Title (de)
KERAMIK-KOCHFELD

Title (fr)
PLAQUE DE CUISSON CERAMIQUE

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Application
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Abstract (en)
[origin: WO02071801A1] The invention relates to a ceramic hob (10) comprising a glass ceramic or glass hot plate (12), an electrical heat-conductive layer (20) and a thermally injected insulating layer (16) between the hot plate (12) and the heat-conductive layer (20). A primer layer (14) that may consist for example of Al₂O₃, is first applied to the underside of the hot plate (12) by thermal injection and then the thermally injected insulating layer (16) from ceramics, preferably cordierite or mullite is applied. A heat-conductive layer (18) that consists for example of a meandering heat-conductive (20) is applied to the underside of the thermally injected insulating layer (16) preferably by thermal injection. A laminar structure of that kind allows for high thermal stress resistance and good long-term stability of the ceramic hob (10).

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