

Title (en)  
CERAMIC COOKTOP

Title (de)  
KERAMIK-KOCHFELD

Title (fr)  
PLAQUE DE CUISSON CERAMIQUE

Publication  
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Application  
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Abstract (en)  
[origin: US2004104212A1] The invention relates to a ceramic cooktop comprising a cooking plate (12) made of glass ceramic or glass. The ceramic cooktop also comprises an electrical heat conductor layer (18), an insulating layer (16) that is located between the cooking plate (12) and the heat conductor layer (18), and an electrically conductive intermediate layer (14) between the cooking plate (12) and the insulating layer (16). The intermediate layer (14) is a thermally sprayed layer consisting of an electrically conductive ceramic material, preferably of an oxide layer that is rendered electrically conductive by oxygen loss occurring during thermal spraying, or of a cermet.

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