

Title (en)
CERAMIC COOKTOP

Title (de)
KERAMIK-KOCHFELD

Title (fr)
PLAQUE DE CUISSON CERAMIQUE

Publication
EP 1366641 A1 20031203 (DE)

Application
EP 02702359 A 20020220

Priority
• DE 10112235 A 20010306
• EP 0201751 W 20020220

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.

IPC 1-7
H05B 3/74; **H05B 3/00**; **H05B 3/14**

IPC 8 full level
H05B 3/00 (2006.01); **H05B 3/14** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)
H05B 3/00 (2013.01 - EP US); **H05B 3/141** (2013.01 - EP US); **H05B 3/74** (2013.01 - EP US); **H05B 3/748** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
WO 02078397 A1 20021003; AT E284123 T1 20041215; CA 2439177 A1 20021003; CN 1494816 A 20040505; DE 10112235 A1 20021010; DE 10112235 C2 20030403; DE 50201676 D1 20050105; EP 1366641 A1 20031203; EP 1366641 B1 20041201; ES 2232733 T3 20050601; US 2004104212 A1 20040603

DOCDB simple family (application)
EP 0201751 W 20020220; AT 02702359 T 20020220; CA 2439177 A 20020220; CN 02805999 A 20020220; DE 10112235 A 20010306; DE 50201676 T 20020220; EP 02702359 A 20020220; ES 02702359 T 20020220; US 64780603 A 20030825