

Title (en)

Glas-ceramic plate comprising a relief pattern for tactile locating tactile

Title (de)

Glaskeramikkochplatte mit Erhebungen zur taktilen Orientierung

Title (fr)

Plaque vitrocéramique comportant un relief de repérage tactile

Publication

**EP 0930806 A1 19990721 (FR)**

Application

**EP 99400117 A 19990119**

Priority

FR 9800537 A 19980120

Abstract (en)

Tactile controls for hob elements comprise e.g. metal, plastics or, preferably, ceramics inserts (6) with conducting strip bases (14) providing the capacitance required for touch-sensitive circuits, sealed into openings in the hob edge (1), which they completely fill, using adhesive or fusing techniques. Their concave tops rise above the hot surface without ridges or other discontinuities. Adjoining serigraphic symbols (17), themselves, optimally, in slight relief, indicate progressively increasing power levels for the controlled element; optimally, progression is achieved using several sequential inserts. Optimally, the relief surface is fixed directly to the unbroken hob surface, or directly molded within the hob material.

Abstract (fr)

L'invention concerne une plaque vitrocéramique (1) comportant un ou plusieurs moyens de cuisson ou de maintien en température (2, 3, 4, 5) associés à un ou plusieurs moyens de commande (7, 8, 9, 10). Selon l'invention, la plaque (1) présente un relief (6) en bosses et/ou creux de dimensions telles qu'il permet un repérage tactile d'une zone et/ou d'une fonction déterminées de la plaque (1). L'invention concerne, en outre, un procédé de fabrication de cette plaque vitrocéramique (1) comportant une mise en forme par effondrement, moulage ou pressage de son matériau constitutif. <IMAGE>

IPC 1-7

**H05B 3/74; F24C 15/10**

IPC 8 full level

**A47J 27/00** (2006.01); **F24C 15/10** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

**F24C 7/083** (2013.01 - EP US); **F24C 15/105** (2013.01 - EP US); **H05B 3/74** (2013.01 - EP US); **H05B 3/746** (2013.01 - EP US)

Citation (search report)

- [X] DE 19612621 A1 19971002 - SCHOTT GLASWERKE [DE]
- [X] FR 2680937 A1 19930305 - PHILIPS ELECTRONIQUE LAB [FR]
- [X] US 3313919 A 19670411 - RICHARDSON GEORGE W, et al
- [X] DE 3600109 A1 19870709 - SCHOTT GLASWERKE [DE]

Cited by

EP2204909A1; EP1876394A3; WO2004025185A1; FR2838507A1; WO2014060108A3; EP2909055B1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI NL SE

DOCDB simple family (publication)

**EP 0930806 A1 19990721; EP 0930806 B1 20060215**; AT E318066 T1 20060315; CA 2259678 A1 19990720; DE 69929867 D1 20060420; DE 69929867 T2 20060928; ES 2258315 T3 20060816; FR 2773874 A1 19990723; FR 2773874 B1 20000225; JP 2009030967 A 20090212; JP H11267019 A 19991005; US 6118103 A 20000912

DOCDB simple family (application)

**EP 99400117 A 19990119**; AT 99400117 T 19990119; CA 2259678 A 19990118; DE 69929867 T 19990119; ES 99400117 T 19990119; FR 9800537 A 19980120; JP 1250599 A 19990120; JP 2008231800 A 20080910; US 23318799 A 19990120