

Title (en)

METHOD FOR PREPARING A VITROCERAMIC HOB AND VITROCERAMIC HOB PRODUCED ACCORDING TO SAID METHOD

Title (de)

VERFAHREN ZUM HERSTELLEN EINER GLASKERAMIK-KOCHMULDE UND DANACH HERGESTELLTE GLASKERAMIK-KOCHMULDE

Title (fr)

PROCEDE POUR REALISER UNE CUVE DE CUISSON EN VITROCERAMIQUE ET CUVE DE CUISSON EN VITROCERAMIQUE REALISEE SELON CE PROCEDE

Publication

EP 1320514 A1 20030625 (DE)

Application

EP 01967316 A 20010907

Priority

- DE 10044601 A 20000909
- EP 0110331 W 20010907

Abstract (en)

[origin: WO0222512A1] The invention relates to a method for preparing a vitroceramic hob and to a vitroceramic hob produced according to said method. The use of vitroceramics in the production of hobs that are operated with gas as an alternative to hobs from enameled sheet metal, high-grade steel or tempered flat glass is functionally (durability, cleaning behavior) and esthetically advantageous. Vitroceramic hobs are increasingly in demand on the market. The vitroceramic hobs produced according to known methods are disadvantageous in that they have a low degree of deformability. The aim of the invention is therefore to provide a hob (1) that has a more varied geometry of shapes and a constructive design that better meets the demands. In order to produce a vitroceramic hob for gas stoves, a gob of glass is fed to a press mold, said press mold representing the negative of the geometry of the hob to be produced, and the preform pressed in this manner is then ceramized. The vitroceramic hob according to the invention is a pressed element that is characterized by geometric structures (3, 4, 6, 7) that are integrally formed by pressing and that deviate from the plane.

IPC 1-7

C03B 11/08; **F24C 3/08**; **F24C 15/10**

IPC 8 full level

C03B 11/00 (2006.01); **C03B 11/08** (2006.01); **F24C 3/08** (2006.01); **F24C 15/10** (2006.01)

CPC (source: EP)

C03B 11/08 (2013.01); **C03B 11/082** (2013.01); **F24C 3/085** (2013.01); **F24C 15/10** (2013.01); **C03B 2215/40** (2013.01); **C03B 2215/41** (2013.01)

Citation (search report)

See references of WO 0222512A1

Cited by

CN108658447A

Designated contracting state (EPC)

AT BE DE FR

DOCDB simple family (publication)

WO 0222512 A1 20020321; AU 8771601 A 20020326; CN 1213954 C 20050810; CN 1484618 A 20040324; DE 10044601 A1 20020404; DE 10044601 B4 20050609; EP 1320514 A1 20030625; JP 2004509308 A 20040325

DOCDB simple family (application)

EP 0110331 W 20010907; AU 8771601 A 20010907; CN 01815383 A 20010907; DE 10044601 A 20000909; EP 01967316 A 20010907; JP 2002526713 A 20010907