

Title (en)

Cooking hob with transparent, not one-color glass ceramic panel or alternatively with a glass panel made with special tempered glass used as cooktop

Title (de)

Kochfeld mit einer transparenten, nicht eingefärbten Glaskeramikplatte oder alternativ mit einer Glasplatte aus vorgespannten Spezialglas als Kochfläche

Title (fr)

Plaque de cuisson possédant une plaque céramique transparente, non unie ou alternativement une plaque en verre constituée d'un verre spécial trempé utilisé comme surface de cuisson

Publication

EP 1206165 A3 20031126 (DE)

Application

EP 01124749 A 20011017

Priority

DE 20019210 U 20001111

Abstract (en)

[origin: US2002084263A1] The cooking unit has a glass-ceramic panel (1) providing a cooking surface, which is made of transparent colorless glass-ceramic bulk material or a glass panel made of pre-stressed transparent colorless glass material. Radiant heating elements (3) are provided under the glass or glass-ceramic panel, which heat respective cooking zones. The glass or glass-ceramic panel has a full surface decorative coating (7) on its upper side, which makes dirt and usage marks less conspicuous, and an IR permeable coating (6) having a solid or plain color, preferably bisque-like, on its underside. The IR permeable coating having the solid or plain color prevents an observer from viewing the internal components of the cooking unit that are under the cooking panel from above it.

IPC 1-7

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

IPC 8 full level

H05B 6/12 (2006.01); **C03C 17/32** (2006.01); **C03C 17/34** (2006.01); **F24C 7/04** (2006.01); **F24C 15/10** (2006.01); **H05B 3/74** (2006.01)

CPC (source: EP US)

H05B 3/74 (2013.01 - EP US)

Citation (search report)

- [A] DE 20005461 U1 20000608 - SCHOTT GLAS [DE]
- [A] EP 0195239 A2 19860924 - SCHOTT GLASWERKE [DE], et al
- [A] DE 29711916 U1 19970821 - SCHOTT GLASWERKE [DE]
- [A] DE 2437026 A1 19760219 - JENAER GLASWERK SCHOTT & GEN
- [A] PATENT ABSTRACTS OF JAPAN vol. 1995, no. 11 26 December 1995 (1995-12-26)
- [A] PATENT ABSTRACTS OF JAPAN vol. 1999, no. 01 29 January 1999 (1999-01-29)

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EP1867613A1; DE102004033715A1; DE102004033715B4; DE102004040759A1; DE102004040759B4; US7763832B2; EP1958481B1

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US 2002084263 A1 20020704; **US 7009150 B2 20060307**; AT E286646 T1 20050115; CN 1198532 C 20050427; CN 1357296 A 20020710; DE 20019210 U1 20010125; DE 50105019 D1 20050210; EP 1206165 A2 20020515; EP 1206165 A3 20031126; EP 1206165 B1 20050105; ES 2233549 T3 20050616; JP 2002206756 A 20020726; JP 3665990 B2 20050629

DOCDB simple family (application)

US 1030801 A 20011108; AT 01124749 T 20011017; CN 01138424 A 20011109; DE 20019210 U 20001111; DE 50105019 T 20011017; EP 01124749 A 20011017; ES 01124749 T 20011017; JP 2001340208 A 20011106