

Title (en)

Display device for a cooking hob, cooking hob and method for operating such a display device

Title (de)

Anzeigevorrichtung für ein Kochfeld, Kochfeld und Verfahren zum Betrieb einer solchen Anzeigevorrichtung

Title (fr)

Dispositif d'affichage pour une plaque de cuisson, plaque de cuisson et procédé de fonctionnement d'un tel dispositif d'affichage

Publication

**EP 2141415 A3 20100901 (DE)**

Application

**EP 09160897 A 20090522**

Priority

DE 102008027220 A 20080602

Abstract (en)

[origin: US2009321413A1] A hob comprising a plurality of heating elements further comprises a support for a plurality of illuminating means, said support being of elongate construction and typically arcuate in shape. In one embodiment, two rows of illuminaries in the form of LEDs are provided wherein a cover with light zones is positioned thereover. The cover may indicate various symbols and letters to a user of the hob. Separate light zones may be defined to prevent light from one illuminary zone spilling over to the next illuminary zone. A controller may illuminate one row of illuminaries indicating the heating element is hot, even after power is removed from the heating element, and illuminate another row indicating a level of operation of the heating element. The hob may comprise a plurality of heating elements each having an associated illuminating means located in front of the heating area facing the operator.

IPC 8 full level

**F24C 7/08** (2006.01)

CPC (source: EP US)

**F24C 7/083** (2013.01 - EP US)

Citation (search report)

- [XA] DE 102004040998 A1 20060223 - EGO ELEKTRO GERAETEBAU GMBH [DE]
- [X] EP 1596635 A1 20051116 - TOSHIBA KK [JP], et al
- [XA] EP 1903284 A1 20080326 - ELECTROLUX HOME PROD CORP [BE]
- [A] DE 20118243 U1 20020117 - EGO ELEKTRO GERAETEBAU GMBH [DE]

Cited by

WO2011137982A1; EP2469973A1; EP3490339A1; WO2014060919A3; EP2392859A1; US9140458B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

**DE 102008027220 A1 20091203**; EP 2141415 A2 20100106; EP 2141415 A3 20100901; US 2009321413 A1 20091231

DOCDB simple family (application)

**DE 102008027220 A 20080602**; EP 09160897 A 20090522; US 47082809 A 20090522