

Title (en)

Grid burners and method for monitoring the formation of a flame in a grid burner

Title (de)

Flächenbrenner und Verfahren zur Überwachung einer Flammenbildung bei einem Flächenbrenner

Title (fr)

Brûleur à platine et procédé de surveillance d'une formation de flammes pour une brûleur à platine

Publication

**EP 2687781 B1 20200909 (DE)**

Application

**EP 13176109 A 20130711**

Priority

DE 102012014009 A 20120717

Abstract (en)

[origin: EP2687781A2] The surface burner (1) comprises a distribution plate (5) and a burner surface having knit fabric (3). The fuel-air mixture is fed from mixing chamber through the distribution plate to the burner surface. The distribution plate is provided with a control portion (4) and a main portion (6). The fuel-air mixture is passed through the knit fabric in the main section and unaffected in knit fabric in the control portion. An independent claim is included for method for monitoring of flame formation with surface burner.

IPC 8 full level

**F23D 14/02** (2006.01); **F23D 14/26** (2006.01); **F23D 14/72** (2006.01)

CPC (source: EP)

**F23D 14/02** (2013.01); **F23D 14/26** (2013.01); **F23D 14/725** (2013.01); **F23D 2900/00012** (2013.01); **F23D 2900/00019** (2013.01)

Citation (examination)

- JP 2002267115 A 20020918 - NHK SPRING CO LTD
- DE 19943615 A1 20010315 - BOSCH GMBH ROBERT [DE]

Cited by

DE102016108041B4; EP3441668A1; DE102016108041A1; EP3910237A3; WO2016096598A1

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DOCDB simple family (publication)

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