

Title (en)

BURNER WITH LOW POROSITY BURNER DECK

Title (de)

BRENNER MIT BRENNERDECK MIT GERINGER POROSITÄT

Title (fr)

BRÛLEUR DOTÉ D'UN PONT DE BRÛLEUR À FAIBLE POROSITÉ

Publication

**EP 3282187 B1 20190410 (EN)**

Application

**EP 17191076 A 20101126**

Priority

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- EP 2010068284 W 20101126

Abstract (en)

[origin: WO2011069839A1] A gas burner (10), preferably a premix burner, comprising a support (12) which has a central gas inlet port for supply of gas into a gas supply chamber. The gas supply chamber is enclosed by a perforated metal plate (22). The perforated metal plate is connected at the bottom to the support through a base section. The perforations in the perforated metal plate provide a burner deck (20). The burner deck has an overall porosity which is equal to or lower than 11%. The present invention also provides use of this burner, e.g. in heat exchangers.

IPC 8 full level

**F23D 14/10** (2006.01)

CPC (source: EP KR US)

**F23D 14/10** (2013.01 - KR); **F23D 14/105** (2013.01 - EP KR US); **F23D 14/26** (2013.01 - KR); **F23D 2203/1012** (2013.01 - EP KR US); **F23D 2203/1023** (2013.01 - EP KR US)

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DOCDB simple family (publication)

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