

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 A1 20180214 (EN)

Application
EP 17191076 A 20101126

Priority
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• EP 10782307 A 20101126
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Abstract (en)
A gas burner (10) comprises a support (12) having a central gas inlet port (14) for supply of gas into a gas supply chamber (16). The gas supply chamber (16) is enclosed by a perforated metal plate (22), connected at the bottom to the support (12) through a base section. The perforation (24) in the perforated metal plate (22) provides a burner deck (20). The burner deck (20) has an overall porosity being equal to or lower than 11%. The burner deck has different patterns of perforations. The burner deck has a gradually changing porosity.

IPC 8 full level
F23D 14/10 (2006.01)

CPC (source: EP KR US)
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Citation (search report)
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• [AD] WO 9523315 A1 19950831 - STICHTING ENERGIE [NL], et al
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