

Title (en)
PREMIX GAS BURNER

Title (de)
VORGEMISCHGASBRENNER

Title (fr)
BRÛLEUR DE GAZ PRÉ-MÉLANGÉ

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Application
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Abstract (en)
[origin: WO2018050310A1] A premix gas burner comprises a metal mounting plate, a burner deck and a metal plate structure. The metal mounting plate has a plain section for mounting the burner in a heating appliance. The burner deck comprises a woven wire mesh onto which the flames are stabilized when the burner is in use. At least part of the metal plate structure is perforated for the premix gas to flow through the perforations before the premix gas flows through the woven wire mesh. The metal mounting plate has an opening. The woven wire mesh is inserted through the opening of the metal mounting plate. The woven wire mesh is bent, such that a flange parallel with the plain section of the metal mounting plate is provided. The flange is held between the metal mounting plate and the metal plate structure such that play is present of the flange relative to the metal mounting plate and relative to the metal plate structure.

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