

Title (en)
PREMIX GAS BURNER

Title (de)
VORGEMISCHGASBRENNER

Title (fr)
BRÛLEUR À GAZ À PRÉMÉLANGE

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Application
EP 13702475 A 20130204

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Abstract (en)
[origin: WO2013120716A1] The invention provides a cylindrical premix gas burner (100) which is comprising a perforated metal plate as cylindrical burner deck (110). The cylindrical premix gas burner (100) is delimited by an end cap (118). An inlet disc (130) is provided for the supply of a premix of combustible gas and air into the burner. The premix gas is to be burned on the outside of the cylindrical burner deck (110) after the premix gas has flown through it. The inlet disc (130) is comprising a plurality of perforations for supplying premix gas supply into the burner. The inlet disc is having a centre point (150), which is where the central axis of the cylindrical premix gas burner (100) crosses the inlet disc (130). The inlet disc (130) is not permeable to premix gas at least within a circle with a diameter of at least 8 mm around the centre point (150).

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