

Title (en)

GAS PREMIX BURNER

Title (de)

GASVORMISCHUNGSBRENNER

Title (fr)

BRÛLEUR À PRÉMÉLANGE GAZEUX

Publication

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Application

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Abstract (en)

[origin: WO2013164159A1] A gas premix burner is provided that comprises - a perforated plate, a woven wire mesh or expanded metal sheet; - a fiber based burner deck placed onto said perforated plate, woven wire mesh or expanded metal sheet; and - an ionization pen to measure the ionization current in the flame of the gas premix burner. The fiber based burner deck is thicker in at least part of the region where the ionization pen is located compared to other regions of the fiber based burner deck. The invention allows to use ionization current measurement for burner control over a broader load range of the gas premix burner.

IPC 8 full level

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