

Title (en)
BURNER AND ASSEMBLY OF COMPACT BURNERS

Title (de)
BRENNER UND ANORDNUNG VON KOMPAKTEN BRENNERN

Title (fr)
BRÛLEUR ET ENSEMBLE DE BRÛLEURS COMPACTS

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Application
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Abstract (en)
[origin: WO2019122566A1] The present invention relates to a premix burner (1) consisting of an air inlet tube (2) of length L and of a single specific gas injection (3), said gas injection comprising an upstream gas injector (4), a mixer (5), a downstream gas injection (6) situated at a distance L3 from an upstream end of the air inlet tube (2) and a stabilization element (7); it is characterized in that the gas injection (3) constitutes a unitary mechanical assembly providing a self-stable elementary flame (82). The burner is thus more compact and simpler.

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