

Title (en)

BURNER FOR A COMBUSTION CHAMBER OF A TURBO GROUP

Title (de)

BRENNER FÜR EINE BRENNKAMMER EINER TURBOGRUPPE

Title (fr)

BRÛLEUR POUR UNE CHAMBRE DE COMBUSTION D'UN TURBOGROUPE

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Application

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Abstract (en)

[origin: WO2009019113A2] The invention relates to a burner (1) for a combustion chamber of a turbo group, comprising a swirl generator (2), a mixer (3), and a lance (4) for introducing pilot fuel into a combustion chamber (10). In order to stabilize combustion, the lance (4) is designed and/or arranged to reach so far into an interior (5) of the burner, at least during pilot operation of the burner (1), that at least part of the flame front (16) of a combustion reaction taking place in the combustion chamber (10) extends all the way into the interior (5) of the burner.

IPC 8 full level

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