

Title (en)

BURNERS HAVING SELECTIVE ADJUSTMENT OF THE HOLE PATTERN FOR GAS INJECTION

Title (de)

BRENNER MIT SELEKTIVER ANPASSUNG DES BOHRUNGSMUSTERS FÜR DIE GASEINDÜSUNG

Title (fr)

BRÛLEUR COMPRENANT UNE ADAPTATION SÉLECTIVE DU GABARIT DE PERÇAGE POUR L'INJECTION DE GAZ

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Application

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Abstract (en)

[origin: WO2019201577A1] The invention relates to a burner assembly (7) comprising a combustion chamber (8) and multiple burners (1) arranged on a circle around the combustion chamber (8), wherein the burners (1) comprise vortex-inducing internal fittings (2), between which passages (3) are formed, through which air flows during operation and in which fuel is mixed with the air via fuel openings (4), wherein the passages (3) differ from one another in the number and/or size of the fuel openings (4). The burner assembly (7) also comprises an annular gap (9) which runs radially around the outside or the inside of the circle and through which air flows around the combustion chamber (8) on one side laterally to the burners (1) during operation, wherein the burner (1) passages (3) closest to the annular gap (9) have more or larger fuel openings (4) than the burner (1) passages (3) furthest away from the annular gap (9).

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