

Title (en)
BURNER

Title (de)
BRENNER

Title (fr)
BRULEUR

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Application
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Abstract (en)
[origin: DE19627203A1] The invention relates to a burner (10) for mixing and burning of at least two combustion media (28, 38, 48), in particular combustion air and a lean gas as the gaseous fuel. The burner comprises a plurality of burner nozzles which each comprise at least three pipes (20, 30, 40) arranged coaxially in relation to each other. The pipes are at a distance from each other in the radial direction to form annular clearance ducts (39, 49) through which combustion media can be conveyed into a combustion chamber. The arrangement according to the invention results in good mixing and combustion of a plurality of gaseous combustion media.

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DE 19627203 A1 19980108; DE 19627203 C2 20001109; BR 9710202 A 19990810; DE 59703063 D1 20010405; EP 0907868 A1 19990414; EP 0907868 B1 20010228; JP 2000514171 A 20001024; TW 354361 B 19990311; US 6019595 A 20000201; WO 9801707 A1 19980115; ZA 975661 B 19980123

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