

Title (en)
BURNER

Title (de)
BRENNER

Title (fr)
BRÛLEUR

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Application
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Abstract (en)
[origin: WO2016046074A1] The invention is directed to a burner 1 comprising of a burner axis 8, provided with a fuel and an oxygen comprising gas supply section 4 at an upstream end 5 and a burner front section 2 at a downstream end 3. The burner front section 2 is comprised of an inner tubular wall 7 defining an open central tubular space 22 along the burner axis 8 extending, in an upstream direction, from an open end 23 at the burner downstream end 3 to a closed end 10, and of an outer tubular wall 6 positioned around burner axis 8 and around the inner tubular wall 7 defining an annular channel 9. Further comprised of an inlet 11 for an oxygen comprising gas, swirl imparting means and an inlet 16 for the fuel.

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