

Title (en)
RADIANT BURNER

Title (de)
STRAHLUNGSBRENNER

Title (fr)
BRÛLEUR RADIANT

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Application
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Abstract (en)
[origin: WO2011020723A2] The invention relates to a burner, in particular a radiation burner, for combusting a gas mixture made of fuel gas and an oxygen carrier gas, having a burner plate (1) having penetration channels (2) for passing the gas mixtures through from a mixing chamber side to a combustion side, wherein combustion channels (3) on the combustion side having an enlarged cross section relative to the penetration channels (2) connect to the penetration channels (2), wherein flow obstacles (4) in the combustion channels (3) are disposed for contacting the combustion flame and the flow obstacles are made of a material comprising a greater thermal conductivity than the material of the burner plate.

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