Title (en)
CATALYTIC BURNER

Title (de)
KATALYTISCHER BRENNER

Title (fr)
BRULEUR CATALYTIQUE

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Application
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Abstract (en)
[origin: DE19726645A1] The invention relates to a catalytic burner, comprising an air supply and a fuel supply, in addition to at least one catalyst (5) and heat-absorbing wall sections (2), wherein heat is transferred from the catalyst to the wall sections mainly through radiation. The wall section has protuberances, between which a section of the catalyst adjusted to the contours of said protuberances is accommodated. A gap is provided between the protuberances of the wall sections and the section of the catalyst adjusted to the contours thereof. Said configuration enables a very large heat exchange surface to be obtained. Preferably, coolant channels (3) run through the wall section.

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CPC (invention and additional information)
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