

Title (en)
CATALYST

Title (de)
KATALYSATOR

Title (fr)
CATALYSEUR

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Abstract (en)
[origin: WO2004020094A1] The invention relates to a catalyst (1) for burning at least part of a gaseous fuel-oxidant mixture flowing through the catalyst (1), especially for a burner of a power plant. Said catalyst comprises an admission stage (5) provided with admission channels (9), and a subsequent stage (6) provided with subsequent channels (10), said subsequent channels (10) having smaller inner cross-sectional surfaces than the admission channels (9). The aim of the invention is to improve the production of said catalyst (1). To this end, the inventive catalyst is provided with channels (3) which extend through the admission stage (5) and through the subsequent stage (6) and have the same inner cross-sectional surface as the admission channels (9). The admission channels (9) are formed by sections of the channels (3) located in the admission stage (5). The subsequent channels (10) are formed by means of dividing walls (11) arranged in sections of the channels (3) in the subsequent stage (6), said dividing walls respectively dividing each channel section in the subsequent stage (6) into two subsequent channels (10).

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