

Title (en)

METHOD FOR REDUCING NITROUS OXIDE IN GASES AND CORRESPONDING CATALYSTS

Title (de)

VERFAHREN ZUR REDUZIERUNG VON DISTICKSTOFFOXID IN GASEN UND ENTSPRECHENDE KATALYSATOREN

Title (fr)

PROCEDE POUR L'ABATTEMENT DU PROTOXYDE D'AZOTE DANS LES GAZ ET CATALYSEURS CORRESPONDANTS

Publication

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Application

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Abstract (en)

[origin: FR2779360A1] The invention concerns a method which consists in selectively destroying nitrous oxide at high temperature on catalysts consisting of refractory oxide agglomerates (alumina or zirconium) having intergranular porosity impregnated with a zirconium salt. The method is useful for treating gases in workshops producing nitric acid. The invention is also useful, using specific initiators, for treating gases rich in N<sub>2</sub>O produced in nitric oxidation of organic compounds.

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