

Title (en)

METHOD AND DEVICE FOR CATALYTICALLY TREATING EXHAUST GAS CONTAINING DUST AND OXYGEN

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KATALYTISCHEN BEHANDLUNG VON SCHWEFEL- UND STICKSTOFFOXIDE ENTHALTENDEN ABGASEN

Title (fr)

PROCEDE ET DISPOSITIF DE TRAITEMENT CATALYTIQUE D'EFFLUENTS GAZEUX CONTENANT DE LA POUSSIERE ET DE L'OXYGENE

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Abstract (en)

[origin: WO0166233A1] The invention relates to a method and a device for catalytically treating exhaust gas containing sulphur oxide and nitrogen oxides, dust and oxygen and emanating from chemical processes or the combustion of fossil secondary fuels or fossil fuels from power plants, such as waste or slurry, or from glass and cement works. The exhaust gas is freed from sulphur oxides and nitrogen oxides in a reactor having a solid catalyst and at a temperature ranging from 200 DEG C to 500 DEG C and in the presence of and/or by adding one or more mediums selected from free oxides, carbonates and hydroxides of calcium, magnesium, sodium and potassium.

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