

Title (en)
METHOD FOR TREATING A GAS CONTAINING NITROGEN OXIDES (NOX), IN WHICH A COMPOSITION COMPRISING CERIUM OXIDE AND NIOBIUM OXIDE IS USED AS A CATALYST

Title (de)
VERFAHREN ZUR BEHANDLUNG EINES STICKOXIDHALTIGEN GASES MIT EINER CEROXID UND NIOBOXID ENTHALTENDEN ZUSAMMENSETZUNG ALS KATALYSATOR

Title (fr)
PROCEDE DE TRAITEMENT D'UN GAZ CONTENANT DES OXYDES D'AZOTE (NOX) UTILISANT COMME CATALYSEUR UNE COMPOSITION A BASE D'OXYDE DE CERIUM ET D'OXYDE DE NIOBIUM

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Abstract (en)
[origin: WO2012041921A2] The invention relates to a method for treating a gas containing nitrogen oxides (NOX), comprising a reduction reaction of the nitrogen oxides by a nitrogen-containing reducing agent. The invention is characterised in that the catalyst used for the reduction reaction is a catalytic system containing a composition based on cerium oxide and comprising niobium oxide in a proportion by mass of between 2 and 20 %.

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