

Title (en)
NITROGEN OXIDE REDUCING CATALYST COMPOSITIONS BASED ON TANTALUM, VANADIUM, NIOBIUM, COPPER OR ANTIMONY

Title (de)
KATALYTISCHE ZUSAMMENSTELLUNGEN FÜR DIE REDUKTION VON STICKSTOFFOXYDEN DIE TANTÄL, NIOBIUM, VANADIUM, KUPFERODERVANTIMON ENTHALTEN

Title (fr)
COMPOSITIONS CATALYTIQUES POUR LA REDUCTION DES OXYDES D'AZOTE A BASE DE TANTALE, DE VANADIUM, DE NIOBIUM, DE CUIVRE OU D'ANTIMOINE

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Abstract (en)
[origin: WO9611740A1] Catalyst compositions for reducing nitrogen oxide emissions during gas processing. In a first embodiment, the compositions are characterised in that they are based on at least one element selected from the group which consists of tantalum, vanadium, niobium and antimony. In a second embodiment, they are characterised in that they are based on at least one element selected from a first group which includes tantalum, vanadium, niobium and antimony, plus at least one other element selected from a second group which includes copper, silver and gold. In a third embodiment, the compositions are based on at least one element selected from a first group which includes tantalum, vanadium, niobium, antimony and copper, plus at least one other element selected from a second group which includes zinc and the elements in groups IIIB, IVB and VB of the periodic table. In a fourth embodiment, the compositions include copper and at least one other element selected from group VIA of the periodic table.

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