

Title (en)
COMPOSITION BASED ON ZIRCONIUM, CERIUM AND TIN OXIDES, PREPARATION AND USE AS CATALYST

Title (de)
ZUSAMMENSETZUNG AUF BASIS VON ZIRCONIUM-, CER- UND ZINNOXIDEN, HERSTELLUNG UND VERWENDUNG ALS KATALYSATOR

Title (fr)
COMPOSITION A BASE D'OXYDES DE ZIRCONIUM, DE CERIUM ET D'ETAIN, PREPARATION ET UTILISATION COMME CATALYSEUR

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Application
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Abstract (en)
[origin: WO2005100249A1] The invention concerns a composition based on zirconium oxide and cerium oxide and, optionally, an oxide of another rare earth, characterized in that it contains tin oxide in a proportion of more than 25 wt. % of oxide. Said composition is obtained by a method which consists in forming a mixture comprising zirconium, cerium and tin compounds and, optionally a compound of another rare earth; in bringing said mixture in the presence of a basic compound whereby a precipitate is obtained; heating said precipitate in an aqueous medium and calcining same. The composition can be used as catalyst, in particular for treating motor vehicle exhaust gases.

IPC 8 full level
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