

Title (en)

NOX STORAGE CATALYST WITH IMPROVED HYDROCARBON CONVERSION ACTIVITY

Title (de)

NOX-SPEICHER-KATALYSATOR MIT VERBESSERTER KOHLENWASSERSTOFFUMWANDLUNGSAKTIVITÄT

Title (fr)

CATALYSEUR DE STOCKAGE DE NOX PRÉSENTANT UNE ACTIVITÉ DE CONVERSION DES HYDROCARBURES AMÉLIORÉE

Publication

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Application

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Abstract (en)

[origin: WO2011154913A1] The present invention relates to a nitrogen oxide storage catalyst comprising: a substrate; a first washcoat layer provided on the substrate, the first washcoat layer comprising a nitrogen oxide storage material, a second washcoat layer provided on the first washcoat layer, the second washcoat layer comprising a hydrocarbon trap material, wherein the hydrocarbon trap material comprises substantially no element or compound in a state in which it is capable of catalyzing selective catalytic reduction, preferably wherein the hydrocarbon trap material comprises substantially no element or compound in a state in which it is capable of catalyzing a reaction wherein nitrogen oxide is reduced to N₂, said catalyst further comprising a nitrogen oxide conversion material which is either comprised in the second washcoat layer and/or in a washcoat layer provided between the first washcoat layer and the second washcoat layer.

IPC 8 full level

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