

Title (en)  
CATALYTICALLY ACTIVE MATERIAL AND CATALYTIC CONVERTER FOR THE SELECTIVE CATALYTIC REDUCTION OF NITROGEN OXIDES

Title (de)  
KATALYTISCH AKTIVES MATERIAL UND KATALYSATOR ZUR SELEKTIVEN KATALYTISCHEN REDUKTION VON STICKOXIDEN

Title (fr)  
MATÉRIAU CATALYTIQUEMENT ACTIF ET CATALYSEUR ASSURANT LA RÉDUCTION CATALYTIQUE SÉLECTIVE D'OXYDES D'AZOTE

Publication  
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Application  
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Abstract (en)  
[origin: WO2012117042A2] The invention relates to a catalytically active material for reacting nitrogen oxides with ammonia in the presence of hydrocarbons. The material consists of an inner core (1) made of a zeolite exchanged with one or more transition metals or a zeolite-like compound exchanged with one or more transition metals. The core of the catalytically active material is encased by a shell (2), which is made of one or more oxides selected from silicon dioxide, germanium dioxide, aluminum oxide, titanium oxide, tin oxide, cerium oxide, zirconium dioxide, and mixed oxides thereof.

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