

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

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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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DOCDB simple family (publication)
WO 2012117042 A2 20120907; WO 2012117042 A3 20121220; CN 103402634 A 20131120; CN 103402634 B 20181026; EP 2680965 A2 20140108; JP 2014512940 A 20140529; JP 2016203172 A 20161208; JP 5972913 B2 20160817; JP 6316882 B2 20180425; US 2013336866 A1 20131219; US 8911697 B2 20141216

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