

Title (en)  
CATALYST SYSTEM FOR REDUCING NITROGEN OXIDES

Title (de)  
KATALYSATOR-SYSTEM ZUR REDUKTION VON STICKOXIDEN

Title (fr)  
SYSTÈME DE CATALYSEUR POUR LA RÉDUCTION D'OXYDES D'AZOTE

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Application  
**EP 15757157 A 20150812**

Priority

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Abstract (en)  
[origin: WO2016023928A1] The invention relates to a catalyst system for reducing nitrogen oxides, which comprises a nitrogen oxide storage catalyst and an SCR catalyst, wherein the nitrogen oxide storage catalyst comprises at least two catalytically active washcoat layers on a supporting body, wherein a lower washcoat layer A contains cerium oxide, an alkaline earth compound and/or alkali compound, and platinum and palladium and an upper washcoat layer B, which is arranged over the washcoat layer A, contains cerium oxide, platinum and palladium and no alkali compound and no alkaline earth compound. The invention also relates to a method for converting NOx in exhaust gases of motor vehicles that are operated by means of engines that are operated in a lean manner.

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Citation (search report)  
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Cited by  
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