

Title (en)  
COMPOSITIONS USED ESPECIALLY FOR TRAPPING NITROGEN OXIDES (NOX)

Title (de)  
ZUSAMMENSETZUNGEN, DIE INSBESONDERE ZUM ABFANGEN VON STICKSTOFFOXIDEN (NOX) VERWENDET WERDEN

Title (fr)  
COMPOSITIONS À BASE D'ALUMINE, CERIUM ET BARYUM OU/ET STRONTIUM UTILISEES NOTAMMENT POUR LE PIEGEAGE D'OXYDES D'AZOTE (NOX)

Publication  
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Application  
**EP 07728853 A 20070507**

Priority  
• EP 2007054400 W 20070507  
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Abstract (en)  
[origin: WO2007131902A2] This invention concerns an alumina-based composition particularly for permitting the tapping of nitrogen oxides that are contained in a gaseous fluid. This composition is formed by alumina, cerium and a divalent metal M chosen from the group which includes barium, strontium or an association of these two elements and it is characterized in that at least 10% of the weight of element M expressed by weight of oxide in contrast to the total weight of the composition and also in that the aluminate compound of the metal element M, formula  $MAI_2O_4$ , is absent. In other words this compound is not detectable by x-ray diffraction of the composition, following its calcinations with the air at 700°C for two hours.

IPC 8 full level  
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See references of WO 2007131902A2

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