

Title (en)  
A CATALYST FOR INHIBITING THE NO<sub>2</sub> GENERATION

Title (de)  
KATALYSATOR ZUR INHIBIERUNG DER BILDUNG VON NO<sub>2</sub>

Title (fr)  
CATALYSEUR POUR INHIBER LA PRODUCTION DE NO<sub>2</sub>

Publication  
**EP 2073929 A1 20090701 (EN)**

Application  
**EP 07808305 A 20070918**

Priority  
• KR 2007004515 W 20070918  
• KR 20060097585 A 20061004

Abstract (en)  
[origin: WO2008041801A1] Disclosed herein is a catalyst composition for inhibiting the generation of NO<sub>2</sub>, comprising a basic metal oxide catalyst composition combined with ceria-cobalt oxide, active alumina, and zeolite, wherein the basic metal oxide catalyst composition is supported with a precious metal, such as platinum and/or palladium, and a non-precious metal, such as barium or strontium, and a module for inhibiting the generation of NO<sub>2</sub> using the catalyst composition. In the exhaust gas aftertreatment system, in which a DOC and a CSF are serially disposed, the module is disposed at the rear end of the CSF, so that the generation of NO<sub>2</sub> is prevented, with the result that the emission of visible exhaust gas is prevented, thereby contributing to environmental purification.

IPC 8 full level  
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