

Title (en)
A CATALYST FOR INHIBITING THE NO₂ GENERATION

Title (de)
KATALYSATOR ZUR INHIBIERUNG DER BILDUNG VON NO₂

Title (fr)
CATALYSEUR POUR INHIBER LA PRODUCTION DE NO₂

Publication
EP 2073929 A4 20111005 (EN)

Application
EP 07808305 A 20070918

Priority
• KR 2007004515 W 20070918
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Abstract (en)
[origin: WO2008041801A1] Disclosed herein is a catalyst composition for inhibiting the generation of NO₂, 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 NO₂ 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 NO₂ 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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Citation (search report)
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• [I] EP 0507590 A1 19921007 - NIPPON CATALYTIC CHEM IND [JP]
• [I] US 2001049337 A1 20011206 - KUROKAWA TAKAHIRO [JP], et al
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• See references of WO 2008041801A1

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DE FR IT

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