

Title (en)

NOVEL SCR CATALYSTS AND AFTER-TREATMENT DEVICES FOR DIESEL ENGINE EXHAUST GAS

Title (de)

NEUE SCR-KATALYSATOREN UND NACHBEHANDLUNGSVORRICHTUNGEN FÜR DIESELMOTORABGAS

Title (fr)

NOUVEAUX CATALYSEURS DE REDUCTION CATALYTIQUE SELECTIVE ET DISPOSITIFS DE POST-TRAITEMENT POUR GAZ D'ECHAPPEMENT DE MOTEUR DIESEL

Publication

**EP 2318674 A1 20110511 (EN)**

Application

**EP 08793086 A 20080806**

Priority

- KR 2008004572 W 20080806
- KR 20080076607 A 20080805

Abstract (en)

[origin: WO2010016631A1] Disclosed is an SCR catalyst composition having improved NO<sub>x</sub> conversion and a device for post- treating diesel engine exhaust gas using the same. The SCR catalyst composition can effectively convert NO<sub>x</sub> generated from an engine into harmless components. The device, which improves the NO<sub>x</sub> conversion, includes an SCR catalyst module disposed downstream of a diesel engine and having an injector, an oxidation catalyst module disposed downstream of the SCR catalyst module, and a catalyst soot filter module, all of which are successively arranged in series.

IPC 8 full level

**F01N 3/20** (2006.01)

CPC (source: EP KR US)

**B01D 53/9418** (2013.01 - EP US); **B01D 53/9477** (2013.01 - EP US); **F01N 3/10** (2013.01 - KR); **F01N 3/106** (2013.01 - EP US); **F01N 3/20** (2013.01 - KR); **F01N 3/2066** (2013.01 - EP US); **F01N 13/009** (2014.06 - EP US); **B01D 53/944** (2013.01 - EP US); **B01D 2251/2062** (2013.01 - EP US); **B01D 2251/2067** (2013.01 - EP US); **B01D 2255/1021** (2013.01 - EP US); **B01D 2255/1023** (2013.01 - EP US); **B01D 2255/1025** (2013.01 - EP US); **B01D 2255/20738** (2013.01 - EP US); **B01D 2255/20761** (2013.01 - EP US); **B01D 2255/50** (2013.01 - EP US); **B01D 2258/012** (2013.01 - EP US); **F01N 3/035** (2013.01 - EP US); **F01N 2250/02** (2013.01 - EP US); **F01N 2330/02** (2013.01 - EP US); **F01N 2330/06** (2013.01 - EP US); **F01N 2370/04** (2013.01 - EP US); **F01N 2610/02** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2010016631A1

Designated contracting state (EPC)

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Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

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DOCDB simple family (application)

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