

Title (en)

CONTINUOUS DIESEL SOOT CONTROL WITH MINIMAL BACK PRESSURE PENALTY USING CONVENTIONAL FLOW SUBSTRATES AND ACTIVE DIRECT SOOT OXIDATION CATALYST DISPOSED THEREON

Title (de)

KONTINUIERLICHE DIESELRUSSSTEUERUNG MIT MINIMALEM GEGENDRUCK UNTER VERWENDUNG KONVENTIONELLER FLUSSSUBSTRATE UND EINEM DARAUF ABGELAGERTEN AKTIVEN DIREKTRUSSOXIDIERUNGSKATALYSATOR

Title (fr)

RÉGULATION CONTINUE DES SUIES DE DIESEL AVEC UNE PÉNALITÉ MINIMALE DE CONTRE-PRESSION À L AIDE DE SUBSTRATS D ÉCOULEMENT CONVENTIONNELS ET D UN CATALYSEUR ACTIF D OXYDATION DIRECTE DES SUIES DISPOSÉ SUR CEUX-CI

Publication

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Application

EP 09773938 A 20090326

Priority

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- US 36331009 A 20090130
- US 36332909 A 20090130

Abstract (en)

[origin: WO2010002486A2] There is disclosed high cell density or tortuous/turbulent flow through monolithic catalyst devices for the direct catalytic, and (semi) continuous oxidation of diesel particulate matter. The catalysts relate to OIC/OS materials having a stable cubic crystal structure, and most especially to promoted OIC/OS wherein the promotion is achieved by the post-synthetic introduction of non-precious metals via a basic (alkaline) exchange process. The catalyst may additionally be promoted by the introduction of Precious Group Metals.

IPC 8 full level

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CPC (source: EP KR)

B01D 53/9413 (2013.01 - KR); **B01D 53/944** (2013.01 - EP); **B01D 53/945** (2013.01 - EP); **B01J 23/002** (2013.01 - EP); **B01J 23/63** (2013.01 - EP); **B01J 23/66** (2013.01 - EP); **B01J 35/56** (2024.01 - EP); **B01J 37/0244** (2013.01 - EP); **B01J 37/0246** (2013.01 - EP); **B01J 37/0248** (2013.01 - EP); **B01J 37/03** (2013.01 - EP); **F01N 3/035** (2013.01 - EP KR); **F01N 3/2825** (2013.01 - KR); **B01D 2255/102** (2013.01 - EP); **B01D 2255/1021** (2013.01 - EP); **B01D 2255/1023** (2013.01 - EP); **B01D 2255/202** (2013.01 - EP); **B01D 2255/20761** (2013.01 - EP); **B01D 2255/407** (2013.01 - EP); **B01D 2255/502** (2013.01 - EP); **B01D 2255/908** (2013.01 - EP); **B01D 2255/91** (2013.01 - EP); **B01D 2257/404** (2013.01 - EP); **B01D 2258/012** (2013.01 - EP); **B01D 2259/4566** (2013.01 - EP); **B01J 23/83** (2013.01 - EP); **B01J 23/894** (2013.01 - EP); **B01J 29/7007** (2013.01 - EP); **B01J 37/0036** (2013.01 - EP); **B01J 2523/00** (2013.01 - EP); **F01N 2330/06** (2013.01 - KR); **F01N 2570/16** (2013.01 - EP); **Y02A 50/20** (2017.12 - EP); **Y02T 10/12** (2013.01 - EP)

Citation (search report)

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- [A] US 2005282698 A1 20051222 - SOUTHWARD BARRY W [US], et al
- See references of WO 2010002486A2

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