

Title (en)  
SCR EXHAUST-GAS AFTERTREATMENT DEVICE AND MOTOR VEHICLE HAVING SUCH AN SCR EXHAUST-GAS AFTERTREATMENT DEVICE

Title (de)  
SCR-ABGASNACHBEHANDLUNGSEINRICHTUNG SOWIE KRAFTFAHRZEUG MIT EINER SOLCHEN

Title (fr)  
DISPOSITIF DE POST-TRAITEMENT DES GAZ D'ÉCHAPPEMENT À RÉDUCTION CATALYTIQUE SÉLECTIVE ET VÉHICULE AUTOMOBILE POURVU D'UN TEL DISPOSITIF

Publication  
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Application  
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Abstract (en)  
[origin: WO2014079664A1] The invention relates to an exhaust-gas aftertreatment device (14) for the aftertreatment of an exhaust gas of an internal combustion engine (12), comprising an SCR catalytic converter (26), which comprises an SCR catalytic coating arranged on a flow-through substrate for selectively reducing nitrogen oxides (NO<sub>x</sub>) in the presence of a reductant added to the exhaust gas in a metered manner, and an SCR particle filter (28), which is arranged downstream of the SCR catalytic converter (26) and which comprises an SCR catalytic coating arranged on a particle filter substrate for selectively reducing nitrogen oxides (NO<sub>x</sub>) in the presence of the reductant added to the exhaust gas in a metered manner. The invention further relates to a motor vehicle, comprising an internal combustion engine (12) and such an exhaust-gas aftertreatment device (14).

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Citation (search report)  
See references of WO 2014079664A1

Citation (examination)  
• DE 102010032544 A1 20110217 - FORD GLOBAL TECH LLC [US]  
• DE 102011079785 A1 20120202 - FORD GLOBAL TECH LLC [US]  
• DE 102011117808 A1 20120516 - GM GLOBAL TECH OPERATIONS INC [US]  
• US 2011138776 A1 20110616 - HUANG YINYAN [US], et al

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