

Title (en)
EXHAUST GAS AFTERTREATMENT SYSTEM

Title (de)
ABGASNACHBEHANDLUNGSSYSTEM

Title (fr)
SYSTEME DE RECYCLAGE DES GAZ D'ECHAPPEMENT

Publication
EP 1979586 A4 20100310 (EN)

Application
EP 06701333 A 20060124

Priority
SE 2006000113 W 20060124

Abstract (en)
[origin: WO2007086781A1] The invention relates to an exhaust gas after treatment system for treating exhaust gases from an internal combustion engine (10) . The system comprises a soot catalytic converter (40) and an SCR catalytic converter (41) , which reduces NOx- emissions by means of a reagent delivered via an injector located upstream of the SCR catalytic converter. According to the invention the soot catalytic converter (40) is located between the injector (25) and the SCR-catalytic converter (41).

IPC 8 full level
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Citation (search report)

- [XY] EP 1617051 A1 20060118 - PEUGEOT CITROEN AUTOMOBILES SA [FR]
- [X] US 2005031514 A1 20050210 - PATCHETT JOSEPH ALLAN [US], et al
- [E] EP 1630369 A2 20060301 - DAIMLER AG [DE], et al
- [XY] US 6314722 B1 20011113 - MATROS YURII SH [US], et al
- [A] US 2003221424 A1 20031204 - WOERNER SIEGFRIED [DE], et al
- [A] EP 1262644 A2 20021204 - NELSON BURGESS LTD [GB]
- See references of WO 2007086781A1

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