

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
F01N 3/035 (2006.01); **F01N 3/20** (2006.01); **F01N 3/28** (2006.01)

CPC (source: EP US)
F01N 1/006 (2013.01 - EP US); **F01N 1/023** (2013.01 - EP US); **F01N 3/0231** (2013.01 - EP US); **F01N 3/0335** (2013.01 - EP US); **F01N 3/035** (2013.01 - EP US); **F01N 3/106** (2013.01 - EP US); **F01N 3/2066** (2013.01 - EP US); **F01N 3/2885** (2013.01 - EP US); **F01N 13/009** (2014.06 - EP US); **F01N 13/0097** (2014.06 - EP US); **F01N 13/017** (2014.06 - EP US); **F02B 37/00** (2013.01 - EP US); **F01N 1/003** (2013.01 - EP US); **F01N 2610/02** (2013.01 - EP US); **Y02T 10/12** (2013.01 - EP US)

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

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007086781 A1 20070802; BR PI0621003 A2 20111129; CN 101336337 A 20081231; EP 1979586 A1 20081015; EP 1979586 A4 20100310; JP 2009524758 A 20090702; US 2009007551 A1 20090108

DOCDB simple family (application)
SE 2006000113 W 20060124; BR PI0621003 A 20060124; CN 200680051744 A 20060124; EP 06701333 A 20060124; JP 2008551215 A 20060124; US 15940606 A 20060124