

Title (en)

METHOD FOR REGENERATION OF AN EXHAUST AFTERTREATMENT SYSTEM

Title (de)

VERFAHREN ZUR REGENERATION EINES ABGASNACHBEHANDLUNGSSYSTEMS

Title (fr)

PROCEDE POUR REGENERER UN SYSTEME DE POST-TRAITEMENT D'ECHAPPEMENT

Publication

**EP 188886 A1 20080220 (EN)**

Application

**EP 05744798 A 20050526**

Priority

SE 2005000804 W 20050526

Abstract (en)

[origin: WO2006126922A1] The invention relates to a method and a device for regeneration of a regeneratable unit (23) which forms part of an exhaust aftertreatment system. The unit is arranged upstream of a catalytic reactor (24) in an exhaust duct (22) connected to an internal combustion engine (10). Part of the inlet air of the internal combustion engine is during regeneration conducted to the exhaust duct (22) for regulating the temperature in the gas flow to the catalytic reactor (24).

IPC 8 full level

**F01N 3/035** (2006.01); **F01N 3/20** (2006.01); **F01N 3/22** (2006.01)

CPC (source: EP US)

**F01N 3/023** (2013.01 - EP US); **F01N 3/0231** (2013.01 - EP US); **F01N 3/05** (2013.01 - EP US); **F01N 3/0814** (2013.01 - EP US);  
**F01N 3/0842** (2013.01 - EP US); **F01N 3/0885** (2013.01 - EP US); **F01N 3/2046** (2013.01 - EP US); **F01N 3/206** (2013.01 - EP US);  
**F01N 3/2066** (2013.01 - EP US); **F01N 3/22** (2013.01 - EP US); **F01N 3/222** (2013.01 - EP US); **F01N 3/225** (2013.01 - EP US);  
**F01N 3/30** (2013.01 - EP US); **F01N 13/009** (2014.06 - EP US); **F01N 13/0097** (2014.06 - EP US); **F02B 37/168** (2013.01 - EP US);  
**Y02T 10/12** (2013.01 - EP US)

Citation (search report)

See references of WO 2006126922A1

Citation (examination)

- US 2004237509 A1 20041202 - BHARGAVA SAMEER [US], et al
- DE 19850373 A1 20000504 - BAYERISCHE MOTOREN WERKE AG [DE]
- US 5753188 A 19980519 - SHIMODA MASATOSHI [JP], et al
- EP 1515017 A2 20050316 - TOYOTA MOTOR CO LTD [JP], et al

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**WO 2006126922 A1 20061130**; BR PI0520267 A2 20090428; CN 101180455 A 20080514; EP 1888886 A1 20080220;  
US 2008209894 A1 20080904

DOCDB simple family (application)

**SE 2005000804 W 20050526**; BR PI0520267 A 20050526; CN 200580049909 A 20050526; EP 05744798 A 20050526; US 91196605 A 20050526