

Title (en)

APPARATUS FOR PURIFYING EXHAUST GASES OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VORRICHTUNG ZUR REINIGUNG VON ABGASEN EINER VERBRENNUNGSKRAFTMASCHINE

Title (fr)

DISPOSITIF POUR PURIFIER LES GAZ D'ECHAPPEMENT D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1759097 B1 20081015 (DE)

Application

EP 05767079 A 20050609

Priority

- EP 2005006219 W 20050609
- DE 102004028276 A 20040611

Abstract (en)

[origin: WO2005121514A1] Disclosed is an apparatus for purifying exhaust gases of an internal combustion engine, comprising a particle filter (4) that is provided with a catalytically active coating (8). Said catalytically active coating contains a carrier material (9) and an iron-containing material (10) which is joined to the carrier material and is provided at least on the surface thereof. The carrier material represents an aluminum silicate or a silicon oxide.

IPC 8 full level

F01N 3/035 (2006.01); **B01J 23/745** (2006.01); **F01N 3/022** (2006.01); **F01N 3/023** (2006.01)

CPC (source: EP US)

F01N 3/022 (2013.01 - EP US); **F01N 3/0231** (2013.01 - EP US); **F01N 3/035** (2013.01 - EP US); **F01N 2250/02** (2013.01 - EP US);
F01N 2330/06 (2013.01 - EP US); **F01N 2510/065** (2013.01 - EP US)

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 2005121514 A1 20051222; AT E411450 T1 20081015; CN 101184909 A 20080521; CN 101184909 B 20100623;
DE 102004028276 A1 20060105; DE 102004028276 B4 20080821; DE 502005005700 D1 20081127; EP 1759097 A1 20070307;
EP 1759097 B1 20081015; ES 2312002 T3 20090216; US 2008034741 A1 20080214

DOCDB simple family (application)

EP 2005006219 W 20050609; AT 05767079 T 20050609; CN 200580018968 A 20050609; DE 102004028276 A 20040611;
DE 502005005700 T 20050609; EP 05767079 A 20050609; ES 05767079 T 20050609; US 62925105 A 20050609