

Title (en)

METHOD AND SYSTEM FOR REGENERATING DIESEL PARTICLE FILTERS

Title (de)

VERFAHREN UND ANORDNUNG ZUR REGENERATION VON DIESELPARTIKELFILTERN

Title (fr)

PROCEDE ET SYSTEME POUR LA REGENERATION DE FILTRES A PARTICULES DIESEL

Publication

EP 1451452 A1 20040901 (DE)

Application

EP 02776866 A 20021106

Priority

- DE 0204102 W 20021106
- DE 10158569 A 20011129

Abstract (en)

[origin: WO03048535A1] The invention relates to a method for regenerating at least one diesel particle filter, according to which exhaust gas is introduced into the at least one diesel particle filter via a feed pipe and is discharged therefrom via a discharge pipe. The exhaust gas passing through the diesel particle filter is heated up and a closed recirculating circuit is produced via which the exhaust gas discharged from the at least one diesel particle filter is again introduced into the same.

IPC 1-7

F01N 3/032; F01N 3/02; F01N 3/021; F01N 3/023

IPC 8 full level

F01N 3/02 (2006.01); **B01D 46/42** (2006.01); **F01N 3/021** (2006.01); **F01N 3/023** (2006.01); **F01N 3/027** (2006.01); **F01N 3/031** (2006.01); **F01N 3/032** (2006.01); F01N 3/30 (2006.01); F01N 3/32 (2006.01)

CPC (source: EP US)

F01N 3/027 (2013.01 - EP US); **F01N 3/031** (2013.01 - EP US); F01N 3/30 (2013.01 - EP US); **F01N 3/32** (2013.01 - EP US); **Y10S 55/10** (2013.01 - EP US); **Y10S 55/30** (2013.01 - EP US)

Citation (search report)

See references of WO 03048535A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LI LU MC NL PT SE SK TR

DOCDB simple family (publication)

WO 03048535 A1 20030612; DE 10158569 A1 20030612; DE 50203531 D1 20050804; EP 1451452 A1 20040901; EP 1451452 B1 20050629; JP 2005511944 A 20050428; US 2004112218 A1 20040617; US 7160355 B2 20070109

DOCDB simple family (application)

DE 0204102 W 20021106; DE 10158569 A 20011129; DE 50203531 T 20021106; EP 02776866 A 20021106; JP 2003549701 A 20021106; US 47011404 A 20040121