

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 B1 20050629 (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)

Designated contracting state (EPC)

DE FR GB

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