

Title (en)

METHOD FOR CLEANING A PARTICULATE FILTER

Title (de)

VERFAHREN ZUR REINIGUNG EINES PARTIKELFILTERS

Title (fr)

PROCEDE DE NETTOYAGE DE FILTRE A PARTICULES

Publication

EP 1534405 A2 20050601 (DE)

Application

EP 03787651 A 20030710

Priority

- DE 0302331 W 20030710
- DE 10233945 A 20020725

Abstract (en)

[origin: DE10233945A1] Regenerating a particle filter (24) arranged in the exhaust gas channel (22) of an IC engine (10) comprises measuring the actual air mass stream fed to the engine acquired at the actual operating point to the air requirement to be expected of the engine, and regenerating the filter based on the deviation between the air mass stream and the air requirement. An Independent claim is also included for an alternative process for regenerating a particle filter arranged in the exhaust gas channel of an IC engine.

IPC 1-7

B01D 46/00

IPC 8 full level

F01N 9/00 (2006.01); **F02D 35/00** (2006.01); **F02D 41/02** (2006.01); **F02D 41/18** (2006.01); **F01N 3/023** (2006.01)

CPC (source: EP US)

F01N 9/002 (2013.01 - EP US); **F02D 35/0007** (2013.01 - EP US); **F02D 41/029** (2013.01 - EP US); **F02D 41/18** (2013.01 - EP US); **F01N 3/023** (2013.01 - EP US); **F01N 2430/00** (2013.01 - EP US); **F02D 2200/0402** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US)

Citation (search report)

See references of WO 2004016339A2

Designated contracting state (EPC)

DE FR

DOCDB simple family (publication)

DE 10233945 A1 20040219; **DE 10233945 B4 20050922**; EP 1534405 A2 20050601; US 2005252199 A1 20051117; WO 2004016339 A2 20040226; WO 2004016339 A3 20040603

DOCDB simple family (application)

DE 10233945 A 20020725; DE 0302331 W 20030710; EP 03787651 A 20030710; US 52214005 A 20050124