

Title (en)

METHOD FOR PURIFYING EXHAUST GAS OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM REINIGEN DES ABGASES EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE POUR PURIFIER DES GAZ D'ECHAPPEMENT PROVENANT D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 1373700 A2 20040102 (DE)

Application

EP 02722002 A 20020308

Priority

- DE 0200839 W 20020308
- DE 10117050 A 20010405

Abstract (en)

[origin: DE10117050C1] Process for purifying I.C. engine exhaust gas comprises: (1) producing a measuring signal depending on the lambda value of the exhaust gas downstream; and (2) using the signal during signal leveling of the post-cat lambda signal above a threshold value and the post-cat lambda signal during signal leveling during signal leveling below the threshold value. Process for purifying I.C. engine exhaust gas comprises: (1) producing a measuring signal depending on the lambda value of the exhaust gas downstream of the catalyst below a determined lambda value close to 1 and increasing or falling from the lambda value of the exhaust gas; and (2) using the signal during signal leveling of the post-cat lambda signal above a threshold value and the post-cat lambda signal during signal leveling during signal leveling below the threshold value.

IPC 1-7

F02D 41/14

IPC 8 full level

F02D 41/14 (2006.01)

CPC (source: EP US)

F02D 41/1441 (2013.01 - EP US); **F02D 41/1454** (2013.01 - EP US); **F02D 41/1455** (2013.01 - EP US); **F02D 41/1456** (2013.01 - EP US); **F02D 41/146** (2013.01 - EP US); **F02D 2041/1468** (2013.01 - EP US)

Citation (search report)

See references of WO 02081887A2

Cited by

DE102014015523B3; US10113497B2

Designated contracting state (EPC)

DE FR IT

DOCDB simple family (publication)

DE 10117050 C1 20020912; DE 50210592 D1 20070913; EP 1373700 A2 20040102; EP 1373700 B1 20070801; US 2004103642 A1 20040603; US 7028464 B2 20060418; WO 02081887 A2 20021017; WO 02081887 A3 20021212

DOCDB simple family (application)

DE 10117050 A 20010405; DE 0200839 W 20020308; DE 50210592 T 20020308; EP 02722002 A 20020308; US 47397003 A 20031003