

Title (en)

METHOD FOR PURIFYING EXHAUST GAS OF AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN ZUM REINIGEN VON ABGAS EINER VERBRENNUNGSKRAFTMASCHINE

Title (fr)

PROCÉDÉ D'ÉPURATION DES GAZ D'ÉCHAPPEMENT D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 3574201 A1 20191204 (DE)

Application

EP 18701705 A 20180119

Priority

- DE 102017201292 A 20170127
- EP 2018051331 W 20180119

Abstract (en)

[origin: WO2018138013A1] Method for purifying exhaust gas of an internal combustion engine (2) having at least one combustion chamber (3), comprising at least the following method steps: a) burning of fuel with a first air quantity in the at least one combustion chamber (3), b) conducting of the exhaust gas to at least one catalytic converter (8), c) introducing of an additional air quantity via at least one of the combustion chambers (3) to the at least one catalytic converter (8), and d) converting of pollutants in the exhaust gas by way of chemical reactions of the exhaust gas at least with the additional air quantity in the at least one catalytic converter.

IPC 8 full level

F02D 41/02 (2006.01); **F01N 3/30** (2006.01); **F02D 13/02** (2006.01); **F02D 41/00** (2006.01)

CPC (source: EP)

F01N 3/30 (2013.01); **F02D 13/0203** (2013.01); **F02D 13/0261** (2013.01); **F02D 41/0002** (2013.01); **F02D 41/025** (2013.01); **F02D 2041/001** (2013.01); **Y02T 10/12** (2013.01); **Y02T 10/40** (2013.01)

Citation (search report)

See references of WO 2018138013A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2018138013 A1 20180802; DE 102017201292 A1 20180802; EP 3574201 A1 20191204

DOCDB simple family (application)

EP 2018051331 W 20180119; DE 102017201292 A 20170127; EP 18701705 A 20180119