Title (en)

ARRANGEMENT OF A CATALYTIC CONVERTER IN AN EXHAUST SYSTEM

Title (de)

ANORDNUNG EINES KATALYSATORS IN EINER ABGASANLAGE

Title (fr)

AGENCEMENT D'UN CATALYSEUR DANS UN SYSTÈME D'ÉCHAPPEMENT

Publication

**EP 2588722 A1 20130508 (DE)**

Application

**EP 11724557 A 20110603**

Priority

- DE 102010025804 A 20100701
- EP 2011002743 W 20110603

Abstract (en)

[origin: WO2012000599A1] An arrangement of a catalytic converter in an exhaust system of an internal combustion engine which can be operated with fuel containing manganese, wherein the catalytic converter is arranged in the exhaust system in a flow path of an exhaust gas of the internal combustion engine through the exhaust system, and wherein a sacrificial disc which is permeable to exhaust gas is arranged in the exhaust system upstream of the catalytic converter in the flow direction of the exhaust gas. When the exhaust-gas back pressure becomes too high for normal internal combustion engine operation owing to manganese deposits, it is necessary to exchange not the catalytic converter but rather only the cheap sacrificial disc.

IPC 8 full level

**F01N 3/10** (2006.01); **F01N 3/28** (2006.01)

CPC (source: EP US)

**F01N 3/0215** (2013.01 - EP US); **F01N 3/10** (2013.01 - EP US); **F01N 3/2882** (2013.01 - EP US); **F01N 13/017** (2014.06 - EP US); F01N 3/0226 (2013.01 - EP US); F01N 2250/02 (2013.01 - EP US); F01N 2450/30 (2013.01 - EP US); F01N 2570/00 (2013.01 - EP US); Y02T 10/12 (2013.01 - EP US)

Citation (search report)

See references of WO 2012000599A1

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

DOCDB simple family (publication)

**DE 102010025804 A1 20120105**; CN 102985651 A 20130320; EP 2588722 A1 20130508; US 2013118164 A1 20130516; WO 2012000599 A1 20120105; WO 2012000599 A8 20130117

DOCDB simple family (application)

**DE 102010025804 A 20100701**; CN 201180022392 A 20110603; EP 11724557 A 20110603; EP 2011002743 W 20110603; US 201213731835 A 20121231