

Title (en)
ARRANGEMENT FOR THE POLLUTION CONTROL OF AN INTERNAL COMBUSTION ENGINE COMPRISING A CONDUIT PROVIDED WITH A PROJECTING ELEMENT

Title (de)
ANORDNUNG ZUR VERSCHMUTZUNGSSTEUERUNG EINES VERBRENNUNGSMOTORS MIT EINER MIT EINEM PROJEKTIONSELEMENT AUSGESTATTETEN LEITUNG

Title (fr)
AGENCEMENT POUR LA DE POLLUTION D'UN MOTEUR THERMIQUE COMPORTANT UN CONDUIT MUNI D'UN ELEMENT EN SAILLIE

Publication
EP 2064421 A1 20090603 (FR)

Application
EP 07823670 A 20070731

Priority
• FR 2007051758 W 20070731
• FR 0653861 A 20060921

Abstract (en)
[origin: WO2008034982A1] The invention provides an arrangement (10) for the pollution control of a motor vehicle internal combustion engine, of the type which comprises at least one exhaust line, which comprises at least one fuel injector (12), arranged in a given conduit (14) of the exhaust line upstream of a particle-filtering element, for producing a mixture of fuel and exhaust gas that is intended to be ignited in the filtering element, characterized in that the given conduit (14) comprises on its internal wall (22) a projecting element (24), arranged substantially so as to face the injector (12), which is intended to promote the vaporization of the fuel in the mixture.

IPC 8 full level
F01N 3/025 (2006.01); **F01N 13/08** (2010.01)

CPC (source: EP)
B01F 23/2132 (2022.01); **B01F 25/25** (2022.01); **B01F 25/431** (2022.01); **B01F 25/4317** (2022.01); **B01F 25/431971** (2022.01); **F01N 3/0253** (2013.01); **F01N 13/08** (2013.01); **F01N 13/1861** (2013.01); **F02B 67/10** (2013.01); **F01N 3/035** (2013.01); **F01N 2240/20** (2013.01); **F01N 2470/28** (2013.01); **F01N 2510/00** (2013.01)

Citation (search report)
See references of WO 2008034982A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA HR MK RS

DOCDB simple family (publication)
WO 2008034982 A1 20080327; EP 2064421 A1 20090603; FR 2906306 A1 20080328; FR 2906306 B1 20081212

DOCDB simple family (application)
FR 2007051758 W 20070731; EP 07823670 A 20070731; FR 0653861 A 20060921