

Title (en)
PROCESS FOR OPERATING AN ENGINE SUPPLIED WITH A FUEL CONTAINING A CATALYST FOR REGENERATING A PARTICULATE FILTER

Title (de)
VERFAHREN FÜR DEN BETRIEB EINES MOTORS MIT EINEM KRAFTSTOFF MIT EINEM KATALYSATOR ZUR REGENIERUNG EINES PARTIKELFILTERS

Title (fr)
PROCEDE DE FONCTIONNEMENT D'UN MOTEUR ALIMENTE PAR UN CARBURANT CONTENANT UN CATALYSEUR DE REGENERATION D'UN FILTRE A PARTICULES

Publication
EP 2686410 A1 20140122 (FR)

Application
EP 12708549 A 20120315

Priority
• FR 1100799 A 20110317
• EP 2012054549 W 20120315

Abstract (en)
[origin: WO2012123540A1] The invention relates to a process for operating an internal combustion engine of a vehicle equipped with an exhaust system comprising a catalysed particulate filter in which the engine is supplied with a fuel containing a catalyst for regenerating the particulate filter. The process is characterized in that the concentration of catalyst in the fuel varies discontinuously.

IPC 8 full level
C10L 1/12 (2006.01); **C10L 10/06** (2006.01); **F02D 19/12** (2006.01)

CPC (source: EP US)
C10L 1/1208 (2013.01 - EP US); **C10L 1/1216** (2013.01 - EP US); **C10L 10/06** (2013.01 - EP US); **F01N 3/021** (2013.01 - US); **F01N 3/023** (2013.01 - EP US); **F02D 41/0025** (2013.01 - EP US); **F02D 41/029** (2013.01 - EP US); **C10L 1/1616** (2013.01 - EP US); **C10L 1/2383** (2013.01 - EP US); **F01N 9/002** (2013.01 - EP US); **F01N 2430/04** (2013.01 - EP US)

Citation (search report)
See references of WO 2012123540A1

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)
WO 2012123540 A1 20120920; BR 112013023746 A2 20161213; CN 103502402 A 20140108; CN 103502402 B 20160413; EP 2686410 A1 20140122; FR 2972766 A1 20120921; FR 2972766 B1 20150807; JP 2014511960 A 20140519; JP 2016200149 A 20161201; KR 101605597 B1 20160322; KR 20130133867 A 20131209; US 2014048029 A1 20140220

DOCDB simple family (application)
EP 2012054549 W 20120315; BR 112013023746 A 20120315; CN 201280020008 A 20120315; EP 12708549 A 20120315; FR 1100799 A 20110317; JP 2013558434 A 20120315; JP 2016085069 A 20160421; KR 20137026987 A 20120315; US 201214004832 A 20120315