

Title (en)
METHOD AND SYSTEM FOR STIMULATING A CATALYTIC CONVERTER

Title (de)
VERFAHREN UND SYSTEM ZUM STIMULIEREN EINES KATALYSATORS

Title (fr)
PROCEDE ET SYSTEME DE STIMULATION D'UN CATALYSEUR

Publication
EP 2438285 A1 20120411 (FR)

Application
EP 10727465 A 20100506

Priority
• FR 2010050872 W 20100506
• FR 0953645 A 20090603

Abstract (en)
[origin: WO2010139874A1] The invention relates to a method for stimulating the catalytic converter of an internal combustion engine, and to a system for implementing said method. The invention is characterized in that it includes the following steps: estimating the instantaneous amount of oxygen stored in the catalytic converter (OS); and modulating the frequency and/or amplitude of the richness set value in accordance with said instantaneous amount of oxygen stored in the catalytic converter. The invention can in particular be used for petrol engines.

IPC 8 full level
F02D 41/02 (2006.01)

CPC (source: EP)
F02D 41/0295 (2013.01); **F02D 41/1401** (2013.01); **F02D 41/1441** (2013.01); **F02D 41/1445** (2013.01); **F02D 41/1454** (2013.01); **F02D 41/0235** (2013.01); **F02D 41/187** (2013.01); **F02D 2041/1409** (2013.01); **F02D 2041/1419** (2013.01); **F02D 2041/1437** (2013.01); **F02D 2200/0402** (2013.01); **F02D 2200/0802** (2013.01); **F02D 2200/0814** (2013.01); **F02D 2200/0816** (2013.01)

Citation (search report)
See references of WO 2010139874A1

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2010139874 A1 20101209; EP 2438285 A1 20120411; EP 2438285 B1 20201125; FR 2946394 A1 20101210; FR 2946394 B1 20151211

DOCDB simple family (application)
FR 2010050872 W 20100506; EP 10727465 A 20100506; FR 0953645 A 20090603