

Title (en)

METHOD AND DEVICE FOR CONTROLLING AN INTERNAL COMBUSTION ENGINE

Title (de)

VERFAHREN UND VORRICHTUNG ZUR STEUERUNG EINER BRENNKRAFTMASCHINE

Title (fr)

PROCÉDÉ ET DISPOSITIF DE COMMANDE D'UN MOTEUR À COMBUSTION INTERNE

Publication

EP 2614250 A1 20130717 (DE)

Application

EP 11738702 A 20110727

Priority

- DE 102010040562 A 20100910
- EP 2011062923 W 20110727

Abstract (en)

[origin: WO2012031827A1] The invention relates to a method for restarting an internal combustion engine, in which a first cylinder (ZYL1) has a low air level and a second cylinder (ZYL2) has a high air level, and wherein a predefined speed threshold value (ns) is selected as a function of said air levels. A method for the restart is selected and carried out as a function of a comparison of the determined speed (n) of the internal combustion engine with the predefined speed threshold value (ns).

IPC 8 full level

F02N 11/08 (2006.01); **F02D 41/00** (2006.01); **F02D 41/14** (2006.01); **F02N 19/00** (2010.01); **F02N 99/00** (2010.01)

CPC (source: EP KR US)

F02D 17/02 (2013.01 - EP US); **F02D 41/00** (2013.01 - KR); **F02D 41/062** (2013.01 - EP US); **F02D 41/065** (2013.01 - EP US); **F02D 41/14** (2013.01 - KR); **F02N 11/08** (2013.01 - KR); **F02N 11/0814** (2013.01 - EP US); **F02N 11/0822** (2013.01 - EP US); **F02N 11/0844** (2013.01 - EP US); **F02N 11/0851** (2013.01 - EP US); **F02N 11/0855** (2013.01 - EP US); **F02N 19/005** (2013.01 - EP US); **F02N 99/006** (2013.01 - EP US); **F02D 41/0002** (2013.01 - EP US); **F02D 41/042** (2013.01 - EP US); **F02D 41/1402** (2013.01 - EP US); **F02N 2019/008** (2013.01 - EP US); **F02N 2200/022** (2013.01 - EP US); **F02N 2250/04** (2013.01 - EP US); **F02N 2300/102** (2013.01 - EP US); **F02N 2300/2002** (2013.01 - EP US); **F02N 2300/2011** (2013.01 - EP US); **Y02T 10/40** (2013.01 - EP US)

Citation (search report)

See references of WO 2012031827A1

Cited by

WO2016131110A1

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 102010040562 A1 20120315; **DE 102010040562 B4 20220203**; CN 103080533 A 20130501; CN 103080533 B 20151125; EP 2614250 A1 20130717; JP 2013539521 A 20131024; KR 101879003 B1 20180716; KR 20130108551 A 20131004; US 2013179054 A1 20130711; US 9206753 B2 20151208; WO 2012031827 A1 20120315; WO 2012031827 A9 20130502

DOCDB simple family (application)

DE 102010040562 A 20100910; CN 201180043438 A 20110727; EP 11738702 A 20110727; EP 2011062923 W 20110727; JP 2013527517 A 20110727; KR 20137006040 A 20110727; US 201113822032 A 20110727