

Title (en)

METHOD FOR CONTROLLING A COMBUSTION MACHINE

Title (de)

VERFAHREN ZUR STEUERUNG EINER BRENNKRAFTMASCHINE

Title (fr)

PROCEDE DE COMMANDE D'UN MOTEUR A COMBUSTION INTERNE

Publication

EP 3026245 B1 20190904 (DE)

Application

EP 15003113 A 20151030

Priority

AT 8452014 A 20141124

Abstract (en)

[origin: US2016146132A1] A method of controlling an internal combustion engine having a plurality of cylinders, in particular a stationary internal combustion engine, wherein actuators of the internal combustion engine are actuatable in crank angle-dependent relationship and/or sensor signals of the internal combustion engine can be ascertained in crank angle-dependent relationship, for compensation of a torsion of a crankshaft, by which torsion deviations in the crank angle occur between a twisted and an untwisted condition of the crankshaft, wherein for at least two of the cylinders a cylinder-individual value of the angle deviation is ascertained and the crank angle-dependent actuator or sensor signals are corrected in dependence on the detected angle deviation.

IPC 8 full level

F02D 41/14 (2006.01); **F02D 41/00** (2006.01)

CPC (source: AT CN EP US)

F02D 35/023 (2013.01 - CN); **F02D 37/02** (2013.01 - AT CN); **F02D 41/008** (2013.01 - AT EP US); **F02D 41/009** (2013.01 - EP US); **F02D 41/04** (2013.01 - AT); **F02D 41/1498** (2013.01 - EP US); **F02D 41/34** (2013.01 - AT); **F02D 45/00** (2013.01 - AT); **F02P 5/04** (2013.01 - CN); **F02D 2250/28** (2013.01 - EP US)

Citation (examination)

JP 2001003793 A 20010109 - MITSUBISHI HEAVY IND LTD

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)

EP 3026245 A1 20160601; **EP 3026245 B1 20190904**; AT 516669 A1 20160715; AT 516669 B1 20160815; BR 102015028444 A2 20160906; BR 102015028444 B1 20220920; CN 105626291 A 20160601; CN 105626291 B 20191022; JP 2016098825 A 20160530; KR 20160061892 A 20160601; US 10563603 B2 20200218; US 2016146132 A1 20160526

DOCDB simple family (application)

EP 15003113 A 20151030; AT 8452014 A 20141124; BR 102015028444 A 20151112; CN 201510870992 A 20151123; JP 2015225463 A 20151118; KR 20150164148 A 20151123; US 201514921462 A 20151023