

Title (en)

METHOD FOR OPERATING AN INTERNAL COMBUSTION ENGINE COUPLED TO A GENERATOR, AND DEVICE FOR CARRYING OUT THE METHOD

Title (de)

VERFAHREN ZUM BETRIEB EINES MIT EINEM GENERATOR GEKOPPELTEN VERBRENNUNGSMOTORS UND VORRICHTUNG ZUR DURCHFÜHRUNG DES VERFAHRENS

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN MOTEUR À COMBUSTION INTERNE COUPLÉ À UN GÉNÉRATEUR ET DISPOSITIF POUR METTRE EN UVRE LE PROCÉDÉ

Publication

EP 3077649 A1 20161012 (DE)

Application

EP 15702671 A 20150121

Priority

- EP 14156990 A 20140227
- EP 2015051136 W 20150121
- EP 15702671 A 20150121

Abstract (en)

[origin: CA2940737A1] The invention relates to a method and to a device for operating a system (10) comprising a generator (12) and an internal combustion engine (14) driving the generator (12), wherein a rotational speed of the generator (12) is controlled by means of a rotational speed controller (34). Said method is characterized by the fact that the rotational speed controller (34) outputs a target torque as manipulated variable, and that an additional torque is imposed on the target torque, wherein the additional torque is calculated or is determined on the basis of a measured value picked up from the system (10).

IPC 8 full level

F02D 41/02 (2006.01); **F02D 29/06** (2006.01); **F02D 35/02** (2006.01); **F02D 41/08** (2006.01); **F02D 41/14** (2006.01)

CPC (source: EP US)

F02B 63/042 (2013.01 - US); **F02D 29/06** (2013.01 - EP US); **F02D 35/024** (2013.01 - US); **F02D 41/021** (2013.01 - EP US); **F02D 41/083** (2013.01 - EP US); **F02D 41/14** (2013.01 - US); **F02D 41/1497** (2013.01 - EP US); **F02D 35/02** (2013.01 - EP US); **F02D 2041/141** (2013.01 - EP US)

Citation (search report)

See references of WO 2015128121A1

Citation (examination)

- DE 19532135 A1 19970306 - CLOUTH GUMMIWERKE AG [DE]
- EP 0964985 A1 19991222 - ISAD ELECTRONIC SYS GMBH & CO [DE]
- US 2007101965 A1 20070510 - ASAHARA YASUYUKI [JP], et al

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2913502 A1 20150902; CA 2940737 A1 20150903; CN 106030080 A 20161012; CN 106030080 B 20191126; EP 3077649 A1 20161012; US 10030591 B2 20180724; US 2017254275 A1 20170907; WO 2015128121 A1 20150903

DOCDB simple family (application)

EP 14156990 A 20140227; CA 2940737 A 20150121; CN 201580010908 A 20150121; EP 15702671 A 20150121; EP 2015051136 W 20150121; US 201515120360 A 20150121