

Title (en)

METHOD AND DEVICE FOR OPERATING A DRIVE DEVICE, AND DRIVE DEVICE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM BETREIBEN EINER ANTRIEBSVORRICHTUNG, ANTRIEBSVORRICHTUNG

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR FAIRE FONCTIONNER UN SYSTÈME DE PROPULSION, SYSTÈME DE PROPULSION

Publication

**EP 3359792 A1 20180815 (DE)**

Application

**EP 16760059 A 20160901**

Priority

- DE 102015219337 A 20151007
- EP 2016070577 W 20160901

Abstract (en)

[origin: WO2017060009A1] The invention relates to a method for operating a drive device (1) of a motor vehicle, comprising an internal combustion engine (2) having a first exhaust gas turbocharger (5) and a second exhaust gas turbocharger (6), and comprising at least one electric machine (3), wherein the exhaust gas turbochargers (5, 6) are connected in series, wherein at least the second exhaust gas turbocharger (6) has means for varying the output thereof, and wherein the output at least of the second exhaust gas turbocharger (6) is varied in accordance with a required target torque of the drive device (1). According to the invention, the electric machine (3) is controlled in accordance with the time of the variation, in order to compensate for a deviation of an actual torque of the drive device (1) from the target torque.

IPC 8 full level

**F02D 41/00** (2006.01); **B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **F02B 37/12** (2006.01)

CPC (source: EP KR US)

**B60W 10/06** (2013.01 - EP KR US); **B60W 10/08** (2013.01 - EP KR US); **B60W 20/15** (2016.01 - US); **B60W 20/19** (2016.01 - EP); **F02B 37/004** (2013.01 - EP KR US); **F02B 37/013** (2013.01 - EP KR US); **F02B 37/12** (2013.01 - EP US); **F02B 37/16** (2013.01 - EP KR US); **F02B 37/18** (2013.01 - EP US); **F02B 37/24** (2013.01 - KR); **F02D 41/0007** (2013.01 - EP KR US); **B60K 6/48** (2013.01 - US); **B60W 2510/0633** (2013.01 - EP US); **B60W 2510/083** (2013.01 - EP); **B60W 2540/10** (2013.01 - US); **B60W 2710/0638** (2013.01 - US); **B60W 2710/0666** (2013.01 - US); **B60W 2710/083** (2013.01 - US); **B60Y 2200/92** (2013.01 - US); **B60Y 2400/435** (2013.01 - EP); **F02B 37/24** (2013.01 - EP US); **F02D 2200/1002** (2013.01 - EP KR US); **F02D 2250/18** (2013.01 - EP KR US); **Y02T 10/12** (2013.01 - EP KR US); **Y02T 10/62** (2013.01 - EP)

Citation (search report)

See references of WO 2017060009A1

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)

**WO 2017060009 A1 20170413**; CN 108138671 A 20180608; DE 102015219337 A1 20170413; EP 3359792 A1 20180815; KR 20180059932 A 20180605; US 2018297582 A1 20181018

DOCDB simple family (application)

**EP 2016070577 W 20160901**; CN 201680058512 A 20160901; DE 102015219337 A 20151007; EP 16760059 A 20160901; KR 20187012645 A 20160901; US 201615766442 A 20160901