

Title (en)
METHOD AND DEVICE FOR SETTING AN IDLING SPEED OF AN INTERNAL COMBUSTION ENGINE OF A MOTOR VEHICLE AND MOTOR VEHICLE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM EINSTELLEN EINER LEERLAUFDREHZAHLEINER VERBRENNUNGSKRAFTMASCHINE EINES KRAFTFAHRZEUGS SOWIE KRAFTFAHRZEUG

Title (fr)
PROCÉDÉ ET DISPOSITIF PERMETTANT LE RÉGLAGE D'UN RÉGIME DE RALENTI D'UN MOTEUR À COMBUSTION INTERNE D'UN VÉHICULE AUTOMOBILE ET VÉHICULE AUTOMOBILE

Publication
EP 3555450 A1 20191023 (DE)

Application
EP 17801708 A 20171121

Priority
• DE 102016225198 A 20161215
• EP 2017079971 W 20171121

Abstract (en)
[origin: WO2018108467A1] The invention relates to a method for setting an idling speed of an internal combustion engine (2) of a motor vehicle (1), in which the idling speed of the internal combustion engine (2) is increased if a predetermined power request within an on-board power system (4) of the motor vehicle (1) is detected, wherein a generator (3) for electrically supplying the on-board power system (4) is driven by means of the internal combustion engine (2), and wherein the internal combustion engine (2) is connected to a transmission (5) of the motor vehicle (1), wherein the connection between the internal combustion engine (2) and the transmission (5) is disconnected, and/or a predetermined braking force is made available by means of at least one brake (9) of the motor vehicle (1) if the predetermined power request is detected.

IPC 8 full level
F02D 41/08 (2006.01); **B60K 28/10** (2006.01); **B60W 10/02** (2006.01); **B60W 10/06** (2006.01); **B60W 10/115** (2012.01); **B60W 10/184** (2012.01); **B60W 30/18** (2012.01); **F02D 41/02** (2006.01)

CPC (source: EP US)
B60K 28/10 (2013.01 - EP US); **B60W 10/02** (2013.01 - US); **B60W 10/023** (2013.01 - EP); **B60W 10/024** (2020.02 - US); **B60W 10/06** (2013.01 - EP US); **B60W 10/08** (2013.01 - US); **B60W 10/115** (2013.01 - EP); **B60W 10/184** (2013.01 - EP); **B60W 30/18109** (2013.01 - EP US); **F02D 41/022** (2013.01 - EP); **F02D 41/083** (2013.01 - EP); **B60W 20/00** (2013.01 - US); **B60W 30/1884** (2013.01 - US); **B60W 30/1886** (2013.01 - US); **B60W 2710/025** (2013.01 - EP); **B60W 2710/0644** (2013.01 - EP); **B60W 2710/065** (2013.01 - EP US); **B60W 2710/083** (2013.01 - US); **B60W 2710/1011** (2013.01 - EP); **F02D 41/022** (2013.01 - US); **F02D 41/083** (2013.01 - US); **F02D 2200/1006** (2013.01 - EP); **F02D 2250/24** (2013.01 - EP)

Citation (search report)
See references of WO 2018108467A1

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 2018108467 A1 20180621; CN 110088452 A 20190802; CN 110088452 B 20220422; DE 102016225198 A1 20180621; DE 102016225198 B4 20180920; EP 3555450 A1 20191023; US 11440525 B2 20220913; US 2020101962 A1 20200402

DOCDB simple family (application)
EP 2017079971 W 20171121; CN 201780077888 A 20171121; DE 102016225198 A 20161215; EP 17801708 A 20171121; US 201716469303 A 20171121