

Title (en)

METHOD FOR OPERATING A MOTOR VEHICLE, AND TRANSMISSION CONTROL UNIT

Title (de)

VERFAHREN ZUM BETREIBEN EINES KRAFTFAHRZEUGS UND GETRIEBESTEUERGERÄT

Title (fr)

PROCÉDÉ POUR FAIRE FONCTIONNER UN VÉHICULE À MOTEUR ET DISPOSITIF DE COMMANDE DE BOÎTE DE VITESSES

Publication

EP 3482107 A1 20190515 (DE)

Application

EP 17728544 A 20170608

Priority

- DE 102016212522 A 20160708
- EP 2017063898 W 20170608

Abstract (en)

[origin: WO2018007088A1] A method for operating a motor vehicle having a drive assembly (1), having a transmission (2) and having a drive output (3), wherein the transmission (2) is formed as an automatic shift transmission, is connected between the drive output (3) and the drive assembly (1), and has multiple shift elements (4), wherein, to execute a gear change in the transmission (2), at least one previously closed shift element (4) is opened, and at least one previously open shift element (4) is closed. When, proceeding from overrun operation of the motor vehicle, a downshift from a current gear to a target gear is executed in the transmission (2), a braking torque is applied to the drive output (3) by means of a vehicle brake (5), which braking torque is dependent on the overrun torque prevailing at the drive output (3) before the execution of the downshift.

IPC 8 full level

F16H 61/04 (2006.01); **B60W 10/11** (2012.01); **B60W 10/18** (2012.01); **B60W 30/19** (2012.01)

CPC (source: EP US)

B60W 10/11 (2013.01 - EP US); **B60W 10/184** (2013.01 - EP US); **B60W 30/18072** (2013.01 - EP US); **B60W 30/19** (2013.01 - EP US); **F16H 61/0437** (2013.01 - EP US); **B60W 2710/1005** (2013.01 - EP US); **B60W 2710/182** (2013.01 - EP US); **Y02T 10/60** (2013.01 - EP)

Citation (search report)

See references of WO 2018007088A1

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)

DE 102016212522 A1 20180111; CN 109416120 A 20190301; EP 3482107 A1 20190515; US 10723343 B2 20200728; US 2019299965 A1 20191003; WO 2018007088 A1 20180111

DOCDB simple family (application)

DE 102016212522 A 20160708; CN 201780042413 A 20170608; EP 17728544 A 20170608; EP 2017063898 W 20170608; US 201716315728 A 20170608