

Title (en)
IDLE SPEED CONTROL FOR A HYBRID VEHICLE

Title (de)
LEERLAUFDREHZAHLREGELUNG BEI EINEM HYBRIDFAHRZEUG

Title (fr)
PROCÉDÉ DE RÉGULATION DU RÉGIME DE ROTATION AU RALENTI POUR VÉHICULES HYBRIDES

Publication
EP 2197721 A2 20100623 (DE)

Application
EP 08804596 A 20080923

Priority
• EP 2008062679 W 20080923
• DE 102007047712 A 20071005

Abstract (en)
[origin: KR20100075472A] The invention concerns a regulation procedure for hybrid vehicles with electric motor and combustion engine for the speed regulation of the electric motor. The procedure covers the steps: Seize the driving speed of the vehicle, seizing a desire torque and comparisons of the driving speed with a speed minimum value. If a desire torque is seized below a torque minimum value and comparing to the result leads that the driving speed does not lie over speed minimum value, the electric motor is regulated on a no-load operation target number of revolutions, which lies below the no-load operation minimum number of revolutions of the combustion engine.

IPC 8 full level
B60W 10/08 (2006.01); **B60L 50/16** (2019.01); **B60W 20/00** (2006.01); **B60W 30/18** (2012.01)

CPC (source: EP US)
B60W 10/08 (2013.01 - EP US); **B60W 20/00** (2013.01 - EP US); **B60W 30/18063** (2013.01 - EP US); **B60W 2510/0642** (2013.01 - EP US); **B60W 2510/101** (2013.01 - EP US); **B60W 2520/10** (2013.01 - EP US); **B60W 2540/10** (2013.01 - EP US); **B60W 2540/103** (2013.01 - EP US); **B60W 2540/12** (2013.01 - EP US); **B60W 2710/081** (2013.01 - EP US); **B60W 2710/105** (2013.01 - EP US)

Citation (search report)
See references of WO 2009047114A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)
AL BA MK RS

DOCDB simple family (publication)
DE 102007047712 A1 20090409; EP 2197721 A2 20100623; JP 2010540334 A 20101224; JP 5562244 B2 20140730; KR 20100075472 A 20100702; US 2010274423 A1 20101028; WO 2009047114 A2 20090416

DOCDB simple family (application)
DE 102007047712 A 20071005; EP 08804596 A 20080923; EP 2008062679 W 20080923; JP 2010527404 A 20080923; KR 20107007207 A 20080923; US 68085108 A 20080923