

Title (en)

CONTROL METHOD AND CONTROL DEVICE FOR DRIVING MODE TRANSITION IN A HYBRID VEHICLE

Title (de)

STEUERUNGSVERFAHREN UND STEUERUNGSVORRICHTUNG ZUM ANTRIEB EINES MODUSÜBERGANGS IN EINEM HYBRIDFAHRZEUG

Title (fr)

PROCEDE DE COMMANDE ET DISPOSITIF DE CONTROLE D'UN VEHICULE HYBRIDE POUR LA TRANSITION DES MODES DE MOTORISATION

Publication

EP 2948354 A1 20151202 (FR)

Application

EP 13820837 A 20131219

Priority

- FR 1350535 A 20130122
- FR 2013053206 W 20131219

Abstract (en)

[origin: WO2014114855A1] The invention concerns a hybrid vehicle, a device (CTL) for controlling the drive train of the hybrid vehicle and the control method for transitioning from a first drive mode to a second drive mode of the drive train. The invention comprises means for generating a time delay in order to force the transition at the end of the time delay, and to force the transition before the end of the time delay if a request is received from the driver by the control device, originating from an interface means (IHM2), for example the acceleration pedal. The invention applies to hybrid vehicles capable of operating in a plurality of drive modes with a view to improving the comfort of driving.

IPC 8 full level

B60W 50/08 (2012.01); **B60L 11/18** (2006.01); **B60L 15/20** (2006.01); **B60L 50/16** (2019.01); **B60W 20/40** (2016.01); **B60W 50/00** (2006.01); **B60W 50/10** (2012.01)

CPC (source: EP US)

B60L 15/2054 (2013.01 - EP); **B60L 50/16** (2019.01 - EP); **B60L 58/20** (2019.01 - EP); **B60W 20/40** (2013.01 - EP); **B60W 50/082** (2013.01 - EP US); **B60W 50/085** (2013.01 - EP); **B60W 50/10** (2013.01 - EP); **B60L 2210/12** (2013.01 - EP); **B60L 2240/12** (2013.01 - EP); **B60L 2240/463** (2013.01 - EP); **B60L 2250/26** (2013.01 - EP); **B60L 2260/26** (2013.01 - EP); **B60W 2050/0096** (2013.01 - EP); **B60W 2540/10** (2013.01 - EP); **B60W 2540/215** (2020.02 - EP); **Y02T 10/64** (2013.01 - EP); **Y02T 10/70** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP); **Y02T 10/72** (2013.01 - EP)

Citation (search report)

See references of WO 2014114855A1

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)

FR 3001188 A1 20140725; **FR 3001188 B1 20150227**; CN 105073539 A 20151118; EP 2948354 A1 20151202; WO 2014114855 A1 20140731

DOCDB simple family (application)

FR 1350535 A 20130122; CN 201380070463 A 20131219; EP 13820837 A 20131219; FR 2013053206 W 20131219