

Title (en)
DRIVE TORQUE CONTROL IN ELECTRIC HYBRID VEHICLE

Title (de)
ANTRIEBSMOMENTSTEUERUNG FÜR HYBRIDFAHRZEUG

Title (fr)
COMMANDE DE COUPLE DE TRACTION DANS UNE VEHICULE HYBRIDE ELECTRIQUE

Publication
EP 1068089 A1 20010117 (FR)

Application
EP 99913371 A 19990409

Priority
• FR 9900825 W 19990409
• FR 9804536 A 19980410

Abstract (en)
[origin: FR2777232A1] The invention concerns a device comprising a) a mechanical drive chain comprising a heat engine (1), a system (2) transmitting at least part of the engine (1) power output to at least one vehicle wheel (3) and means for coupling (4) said engine (1) to said transmission system; b) an electric drive chain comprising an electrical power generator (14) driven by the heat engine (1), an electric engine (9) powered by the generator (14) and mechanically coupled with said transmission system (2) and electric energy storage means (11) powered by the generator (14). Said device further comprises a member for measuring (21) the vehicle driver's torque requirements, and means (12) sensing said measurement for controlling engine (1, 9) and generator (14) torque, so as to provide the required torque.

IPC 1-7
B60K 6/04

IPC 8 full level
B60K 6/442 (2007.10); **B60K 6/547** (2007.10); **B60L 50/15** (2019.01); **B60W 10/02** (2006.01); **B60W 10/06** (2006.01); **B60W 10/08** (2006.01); **B60W 10/10** (2012.01); **B60W 20/00** (2006.01); **B60K 1/02** (2006.01)

CPC (source: EP US)
B60K 6/442 (2013.01 - EP); **B60K 6/48** (2013.01 - US); **B60K 6/547** (2013.01 - EP); **B60L 50/15** (2019.01 - EP); **B60W 10/02** (2013.01 - EP); **B60W 10/06** (2013.01 - EP); **B60W 10/08** (2013.01 - EP); **B60W 10/10** (2013.01 - EP); **B60W 20/00** (2013.01 - EP); **B60W 20/11** (2016.01 - US); **B60K 1/02** (2013.01 - EP); **B60L 2240/486** (2013.01 - EP); **B60W 2540/10** (2013.01 - EP US); **B60W 2710/105** (2013.01 - EP US); **Y02T 10/62** (2013.01 - EP); **Y02T 10/7072** (2013.01 - EP)

Citation (search report)
See references of WO 9952730A1

Designated contracting state (EPC)
DE ES GB IT

DOCDB simple family (publication)
FR 2777232 A1 19991015; EP 1068089 A1 20010117; WO 9952730 A1 19991021

DOCDB simple family (application)
FR 9804536 A 19980410; EP 99913371 A 19990409; FR 9900825 W 19990409