

Title (en)
DEVICE AND METHOD FOR CONTROLLING TORQUE APPLIED TO WHEELS OF A VEHICLE

Title (de)
VORRICHTUNG UND VERFAHREN ZUR STEUERUNG DES RADDREHMOMENTS EINES FAHRZEUGES

Title (fr)
DISPOSITIF ET PROCEDE DE CONTROLE DU COUPLE APPLIQUE AUX ROUES D'UN VEHICULE

Publication
EP 1753635 A1 20070221 (FR)

Application
EP 05766710 A 20050530

Priority
• FR 2005050388 W 20050530
• FR 0405804 A 20040528

Abstract (en)
[origin: US8112205B2] A motor vehicle power train control device capable of furnishing set signals of torque applied to wheels of the motor vehicle. The control device includes a mechanism to generate a signal representing a limitation of variation in speed of a heat engine integrated in a power train capable of reducing variations that are disturbing with regard to acoustics of the power train, and includes a mechanism to determine an operating point of the power train in an optimal operating range according to the signal that represents limitation of speed. The mechanism for generating the signal that represents a limitation of variation in the speed of the heat engine integrated in the power train is furnished, at an input, by parameters that represent characteristics of the motor vehicle and by parameters that represent the driver's wishes.

IPC 8 full level
B60K 31/04 (2006.01); **F02D 41/14** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP US)
F02D 41/1498 (2013.01 - EP US); **F02D 41/2422** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
FR 2870793 A1 20051202; FR 2870793 B1 20070831; AT E399672 T1 20080715; DE 602005007890 D1 20080814; EP 1753635 A1 20070221; EP 1753635 B1 20080702; EP 1753635 B8 20090408; ES 2314683 T3 20090316; JP 2008501090 A 20080117; JP 4480764 B2 20100616; US 2007276571 A1 20071129; US 8112205 B2 20120207; WO 2005118327 A1 20051215

DOCDB simple family (application)
FR 0405804 A 20040528; AT 05766710 T 20050530; DE 602005007890 T 20050530; EP 05766710 A 20050530; ES 05766710 T 20050530; FR 2005050388 W 20050530; JP 2007514051 A 20050530; US 59688005 A 20050530