

Title (en)

Method and control device for dampening the shock when opening the torque converter coupling

Title (de)

Verfahren und Steuergerät zur Lastschlagdämpfung bei offener Wandlerüberbrückungskupplung

Title (fr)

Procédé et appareil de commande pour l'amortissement de choc lorsque l'embrayage du convertisseur de couple est ouvert

Publication

**EP 1936165 B1 20110907 (DE)**

Application

**EP 07021057 A 20071027**

Priority

DE 102006061439 A 20061223

Abstract (en)

[origin: EP1936165A2] The method involves detecting and comparing the revolution rates of the pump (16) and turbine (18) wheels, detecting a difference and, if the turbine wheel revolution rate exceeds that of the pump wheel and the difference is less than a threshold, adjusting the engine (12) torque depending on the difference and the rate of change of the pump wheel revolution rate. An independent claim is also included for a controller for controlling an internal combustion engine in a drive train.

IPC 8 full level

**F02D 41/02** (2006.01); **F02D 41/12** (2006.01)

CPC (source: EP US)

**F02D 41/0215** (2013.01 - EP US); **F02D 41/126** (2013.01 - EP US); **F02D 41/024** (2013.01 - EP US); **F02D 2250/18** (2013.01 - EP US); **F02D 2250/21** (2013.01 - EP US); **F02D 2400/12** (2013.01 - EP US)

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DOCDB simple family (publication)

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**EP 07021057 A 20071027**; DE 102006061439 A 20061223; US 96396107 A 20071224