

Title (en)

CONTROL DEVICE FOR VEHICLE EQUIPPED WITH MANUAL TRANSMISSION

Title (de)

STEUERVORRICHTUNG FÜR EIN MIT EINEM SCHALTGETRIEBE AUSGESTATTETES FAHRZEUG

Title (fr)

DISPOSITIF DE COMMANDE DE VÉHICULE ÉQUIPÉ D'UNE BOÎTE DE VITESSES MANUELLE

Publication

**EP 2749755 B1 20200115 (EN)**

Application

**EP 11864602 A 20110823**

Priority

JP 2011068958 W 20110823

Abstract (en)

[origin: EP2749755A1] A plurality of engine characteristics is stored to change the output characteristic of the engine in accordance with a gear stage established in a manual transmission. A gear stage determination permission timer and a gear stage determination timer each start counting at a time when a clutch apparatus is engaged due to the completion of the shift manipulation. In a period up until the gear stage determination permission timer finishes counting, when a condition where an NV ratio calculation gear stage is different from a map gear stage and the NV ratio calculation gear stage is not changed continues for a period up until the gear stage determination timer finishes counting, the map gear stage corresponding to the NV ratio calculation gear stage is selected, and the engine characteristic corresponding to the map gear stage is extracted so as to change the engine characteristic.

IPC 8 full level

**F02D 11/10** (2006.01); **F02D 29/02** (2006.01); **F02D 41/02** (2006.01); **F02D 41/24** (2006.01)

CPC (source: EP)

**F02D 11/105** (2013.01); **F02D 29/02** (2013.01); **F02D 41/023** (2013.01); **F02D 41/2422** (2013.01); **F02D 41/0225** (2013.01)

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

DOCDB simple family (publication)

**EP 2749755 A1 20140702**; **EP 2749755 A4 20160309**; **EP 2749755 B1 20200115**; JP 5348335 B2 20131120; JP WO2013027266 A1 20150305; WO 2013027266 A1 20130228

DOCDB simple family (application)

**EP 11864602 A 20110823**; JP 2011068958 W 20110823; JP 2012547190 A 20110823