

Title (en)
VEHICULAR DRIVE APPARATUS

Title (de)
ANTRIEBSVORRICHTUNG FÜR EIN FAHRZEUG

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT D'UN VÉHICULE

Publication
EP 2913504 A1 20150902 (EN)

Application
EP 13848773 A 20130924

Priority
• JP 2012235365 A 20121025
• JP 2013075756 W 20130924

Abstract (en)
Provided is a vehicular drive apparatus such that the development of shock upon engagement of a manual clutch can be decreased in a manual clutch-equipped vehicle. The apparatus includes a clutch-synchronizing timing engine torque calculating unit that calculates a clutch-synchronizing timing engine torque on the basis of a clutch transmitting torque; and an engine control unit that executes torque balancing control by controlling an engine so as to achieve the clutch-synchronizing timing engine torque when the absolute value of a clutch difference rotation speed, which is a difference rotation speed between an output shaft and a transmission input shaft during clutch synchronization, is converged to or below a first prescribed differential rotation speed.

IPC 8 full level
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F02D 29/02 (2013.01); **F02D 41/022** (2013.01); **F02D 41/1497** (2013.01); **F02D 2200/101** (2013.01)

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