

Title (en)

METHOD AND SYSTEM FOR CONTROLLING START-UP OF A MOTOR VEHICLE BY DIALOGUE OF THE ENGINE CONTROLLING COMPUTER WITH THE PILOTED MECHANICAL GEARBOX, DURING A RESTART OF THE VEHICLE IN STOP AND START MODE

Title (de)

VERFAHREN UND SYSTEM ZUR STEUERUNG DES ANFAHRENS EINES KRAFTFAHRZEUGS DURCH EINEN DIALOG ZWISCHEN DEM MOTORSTEUERRECHNER UND DEM GESTEUERTEN MECHANISCHEN GETRIEBE WÄHREND EINES NEUSTARTS DES FAHRZEUGS IM STOP-AND-START-MODUS

Title (fr)

PROCEDE ET SYSTEME DE COMMANDE DE DECOLLAGE D'UN VEHICULE AUTOMOBILE PAR DIALOGUE DU CALCULATEUR DE CONTROLE MOTEUR AVEC LA BOITE DE VITESSES MECANIQUE PILOTEE, PENDANT UN REDEMARRAGE DU VEHICULE EN MODE "STOP AND START"

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Application

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Priority

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Abstract (en)

[origin: WO2006106254A2] The invention concerns a method and a system for controlling start-up of a motor vehicle by dialogue of the engine controlling computer with the piloted mechanical gearbox, during a restart of the vehicle in stop and start mode. A "start-up authorization" is transmitted to the gearbox at a time t when the following three conditions are fulfilled: a) verifying the position of the accelerator pedal relative to a predetermined "threshold" position; b) the engine is in sequential injection phase; c) verifying a so-called "autonomous condition", calculated on the basis of the engine speed and of an engine speed gradient compared to a predetermined threshold value. The invention is applicable to motor vehicles.

IPC 8 full level

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