

Title (en)
METHOD AND CONTROL FOR A START-STOP OPERATION DEVICE OF A COMBUSTION ENGINE OF A VEHICLE

Title (de)
VERFAHREN UND VORRICHTUNG FÜR START-STOPP-ANLAGEN VON BRENNKRAFTMASCHINEN IN KRAFTFAHRZEUGEN

Title (fr)
PROCÉDÉ ET DISPOSITIF DESTINÉ À LA COMMANDE D'UN SYSTÈME DE DÉMARRAGE-ARRÊT POUR MOTEUR À COMBUSTION D'UN VÉHICULE

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Application
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Abstract (en)
[origin: WO2010069646A1] The invention relates to a starting method for internal combustion engines in motor vehicles, comprising a start-stop system, and to a starting device (10) for carrying out said method, said starting device comprising a starter motor (11) and an insertion device (12, 20) which axially inserts a slip-on pinion (13) into a crown gear (14) of the internal combustion engine when a stop cycle begins. In order to minimize the period until the engine can be restarted, the pinion (13) is resiliently inserted into the still rotating crown gear (14) by means of a pressure spring (25) when the stop phase begins, once the internal combustion engine (15) is switched off but before it comes to a standstill and with the starter motor (11) switched off.

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• JP 2006132343 A 20060525 - TOYOTA MOTOR CORP
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