

Title (en)  
METHOD FOR IMPROVING THE STARTING PERFORMANCE OF AN INTERNAL COMBUSTION ENGINE COMPRISING A HIGH-PRESSURE ACCUMULATOR INJECTION SYSTEM

Title (de)  
VERFAHREN ZUR VERBESSERUNG DES STARTVERHALTENS EINER BRENNKRAFTMASCHINE MIT HOCHDRUCK-SPEICHEREINSPRITZSYSTEM

Title (fr)  
PROCEDE POUR AMELIORER LE DEMARRAGE D'UN MOTEUR A COMBUSTION INTERNE EQUIPE D'UN SYSTEME D'INJECTION HAUTE PRESSION

Publication  
**EP 1238190 B1 20040922 (DE)**

Application  
**EP 00993428 A 20001212**

Priority  
• DE 0004416 W 20001212  
• DE 19960546 A 19991215

Abstract (en)  
[origin: WO0144638A2] In order to rapidly recognise the starting operation of an internal combustion engine (BKM) equipped with a high-pressure accumulator injection system, the system variable battery voltage (VB) is evaluated. Once the ignition has been started, the battery voltage (VB) of the motor vehicle which is equipped with the internal combustion engine (BKM) is monitored. The occurrence of a voltage dip in the operating voltage (VB), induced by the excitation of a starter (30) of an internal combustion engine (BKM) is used as the moment (t2) for triggering at least one of the hydraulic control members (volumetric-flow control valve VCV, pressure control valve PCV).

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