

Title (en)
METHOD FOR UPDATING SOFTWARE OF AN ELECTRONIC CONTROL DEVICE BY FLASH PROGRAMMING VIA A SERIAL INTERFACE AND CORRESPONDING AUTOMATIC STATE MACHINE

Title (de)
VERFAHREN ZUR DURCHFÜHRUNG EINES SOFTWARE-UPDATES EINES ELEKTRONISCHEN STEUERGERÄTES DURCH EINE FLASH-PROGRAMMIERUNG ÜBER EINE SERIELLE SCHNITTSTELLE UND EIN ENTSPRECHENDER ZUSTANDSAUTOMAT

Title (fr)
PROCEDE PERMETTANT LA MISE A JOUR D'UN LOGICIEL D'APPAREIL DE COMMANDE ELECTRONIQUE PAR UNE PROGRAMMATION FLASH VIA UNE INTERFACE SERIELLE ET UN AUTOMATE D'ETAT CORRESPONDANT

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Abstract (en)
[origin: WO2005004160A2] The invention relates to a method for updating software of a control device by flash programming of a flash memory of the control device via a serial interface, said flash memory comprising several segments. According to the invention, a request made to the flash programming is determined, operation of the flash programming is specified by an automatic state machine which defines the states and the transitions of the software and the availability, security and reliability requests of each state and each transition of the state machines are examined. The invention also relates to a corresponding automatic state machine and a computer program for automatic examination of the availability, security and reliability requests.

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G11C 11/00

IPC 8 full level
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