Title (en)

METHOD AND DEVICE FOR UPDATING SOFTWARE OF AN ONBOARD COMPUTER OF A VEHICLE, COMPRISING A RUNTIME MEMORY, A BACKUP MEMORY AND A CONTROL MEMORY

Title (de)

VERFAHREN UND VORRICHTUNG ZUR AKTUALISIERUNG DER SOFTWARE EINES BORDCOMPUTERS EINES FAHRZEUGS MIT EINEM LAUFZEITSPEICHER, EINEM SICHERUNGSSPEICHER UND EINEM STEUERSPEICHER

Title (fr)

PROCÉDÉ ET DISPOSITIF DE MISE À JOUR D'UN LOGICIEL D'UN CALCULATEUR EMBARQUÉ D'UN VÉHICULE, COMPORTANT UNE MÉMOIRE D'EXÉCUTION, UNE MÉMOIRE DE SAUVEGARDE ET UNE MÉMOIRE DE CONTRÔLE

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Abstract (en)

[origin: WO2021014064A1] The invention concerns a method for updating software of a vehicle, comprising a runtime memory (ME), a backup memory (MS) and a control memory (MC) comprising steps of: - Issuing a request commanding the writing of at least one updated software block (B',C') into the control memory (MC), - Issuing a request commanding the verification of the at least one updated software block (B',C') stored in the control memory (MC), - Issuing a request commanding the copying of the plurality of blocks (A, B, C) from the runtime memory (ME) to the backup memory (MS), - Issuing a request commanding the copying of the at least one updated software block (B',C') from the control memory (MC) to the runtime memory (ME), - Issuing a request commanding the verification of the integrity of the software blocks (A,B',C') of the runtime memory (ME).

IPC 8 full level

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CPC (source: CN EP)

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See references of WO 2021014064A1

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