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**WO 02/010908 A3**

(54) Title: WIRELESS REPROGRAMMING OF VEHICLE ELECTRONIC CONTROL UNITS

(57) Abstract: A vehicle electronic control system includes a processor, a reprogrammable memory, and a wireless receiver. The reprogrammable memory includes an EEPROM, flash non-volatile memory, and/or other memory which can be reprogrammed to remotely upgrade instruction sets, such as configuration data, operational instructions, or the like which control vehicle performance. These upgrades are remotely achieved by wirelessly transmitting an updated instruction set to the reprogrammable memory through the receiver. The updated instruction set replaces the previous instruction set currently programmed in the reprogrammable memory, such that vehicle performance is improved.

INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER  
IPC 7 G06F9/445 F02D41/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)  
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Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5 442 553 A (PARRILLO LOUIS C) 15 August 1995 (1995-08-15) column 1, line 39 - line 58 column 2, line 8 - line 36 column 3, line 8 - line 12 column 3, line 20 - line 28 column 3, line 39 - line 41 column 3, line 64 - column 4, line 3 column 4, line 30 - line 64 column 5, line 14 - line 30	1-16
X	EP 0 999 099 A (MANNESMANN VDO AG) 10 May 2000 (2000-05-10)  abstract paragraphs '0006!-'0012!  -/--	1,4,8, 10-12, 14,16

Further documents are listed in the continuation of box C.

Patent family members are listed in annex.

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
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Information on patent family members

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