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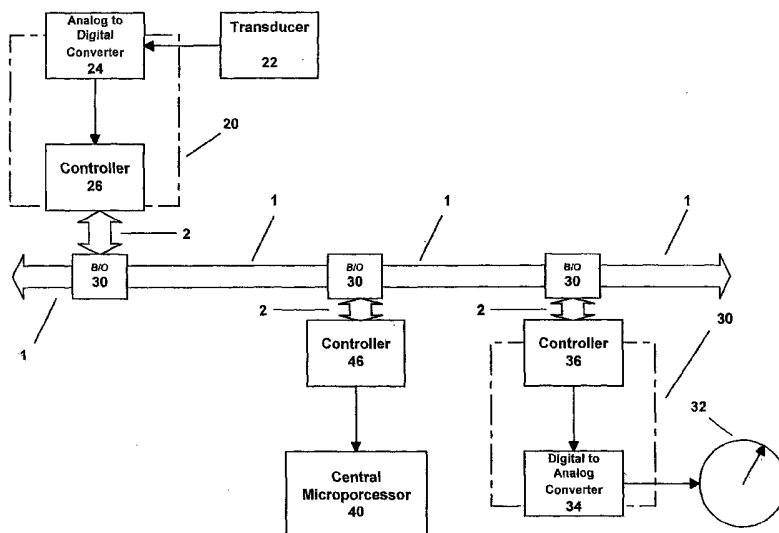
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: DIGITAL TRANSMISSION AND CONTROL SYSTEM FOR VEHICLES



(57) Abstract: A digital transmission system for replacing complex, many-wire, analog system in vehicles includes a signal bus 1 and optional power bus 4. Uni-directional or bi-directional signal tap lines 2 attach to the signal bus with terminal devices. The signal bus and tap lines terminate in microprocessor devices 3a, 3b, 3c that generate, prioritize, send, receive, and process signals sent through the signal bus and its tap lines. Electro-mechanical, electrical, and electronic devices attach directly or through converters 6a, 6b to the terminating microprocessors. When any terminal device 7a, 7b, 7c, 7d, 7e, 7f generates information, the attached microprocessor generates a signal identifying the device and prioritizing and coding the information generated. The microprocessor then passes this signal to the signal bus and its tap lines. All microprocessors receive and decode the signal, determine its priority, and pass information in the signal to the correct devices in the proper form.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/24984

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : H04R 1/20

US CL : 701/1, 36; 455/149; 395/280, 287

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)

U.S. : 701/1, 36; 455/149; 395/280, 287

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 practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,983,087) 09 November 1999 (09.11.1999)	1-20
A	US 5,954,799 (Goheen et al) 21 Sept 1999 (21.09.1999)	1-20

☐ Further documents are listed in the continuation of Box C.

See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
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