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(54) Title: INTERNET CONTROL SYSTEM COMMUNICATION PROTOCOL AND METHOD

(57) Abstract

An Internet communication protocol control system includes Web browsers, Web server (13) and Internet appliance server (14) which are coupled to a control network server (40). The Internet appliance server comprises CGI handler (72), ASP handler (78), software device emulator (90), protocol converter (92), logical devices (86) and CAN transport protocol client (94). The Internet applications are capable of sending commands to and receiving commands from the control area network (30). The communication protocol comprises a packet including a protocol field (670) for indicating the type of protocol, a length of data field (672), data field (694) containing sub protocol data, and a checksum (696) for determining the integrity of the packet.

