



[54] SERIAL COMMUNICATION CONTROL SYSTEM BETWEEN NODES HAVING PREDETERMINED INTERVALS FOR SYNCHRONOUS COMMUNICATIONS AND MEDIATING ASYNCHRONOUS COMMUNICATIONS FOR UNUSED TIME IN THE PREDETERMINED INTERVALS

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[58] Field of Search 395/200, 275, 550

[56] References Cited

U.S. PATENT DOCUMENTS

Table of U.S. Patent Documents with columns for patent number, date, inventor, and reference number.

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OTHER PUBLICATIONS

- List of other publications including articles and conference proceedings such as 'The FIP Protocol' and 'SERCOS-Real'.

(List continued on next page.)

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[57] ABSTRACT
A cost-effective motion control system communication architecture is provided that supports a centralized control node, distributed control nodes, and smart I/O peripheral control nodes.

17 Claims, 21 Drawing Sheets

