

- [54] **MULTIPLE CHANNEL DATA COMMUNICATION SYSTEM**
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- [58] Field of Search **370/69, 71, 72, 73, 370/57, 85, 94, 60, 86, 89, 124; 340/147 LP, 825.5, 825.51**

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[57] **ABSTRACT**

A multiple channel communications system and method for communication among multiple channels using a channel selectable MODEM. The system is comprised of a coaxial cable, a variety of interface units with attached communicating devices and a channel bridge. The interface units include a MODEM and a microprocessor based support element adapted for the attached communicating device. The channel bridge includes two or more MODEM's and a microprocessor based computer for receiving data from one MODEM and transmitting the data on another MODEM.

[56] **References Cited**

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13 Claims, 12 Drawing Figures

