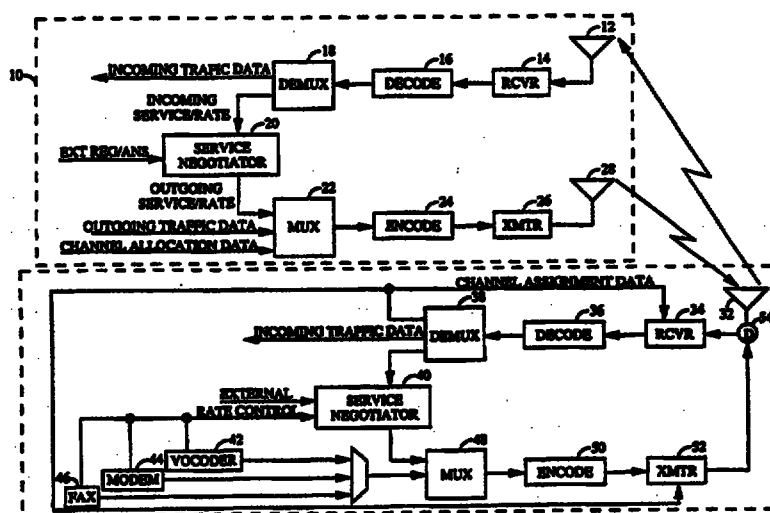




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(54) Title: METHOD OF PROVIDING SERVICE AND DATA RATE NEGOTIATION IN A MOBILE COMMUNICATION SYSTEM



(57) Abstract

A method and apparatus for negotiating service configuration in a digital communication system is disclosed. In an exemplary embodiment, the service negotiation system is implemented in a wireless spread spectrum communication system. The service configuration comprises data rates, frame formats and types of services. Types of service may include speech encoding, facsimile or digital data services. Further described herein is a digital transmitter and receiver using the service negotiation system to provide service configuration mutually acceptable at both ends of a communication link. An apparatus for transmitting a service negotiation message is described comprising service negotiator (20) for providing a message indicative of a requested service configuration, and transmitter (26) for transmitting the service request message. Also, described is a system for receiving a service negotiation message comprising receiver (34) for receiving a transmitted message indicative of a requested service configuration, and a service negotiator (40) for determining in accordance with a predetermined set of parameters a response message to the request message.

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