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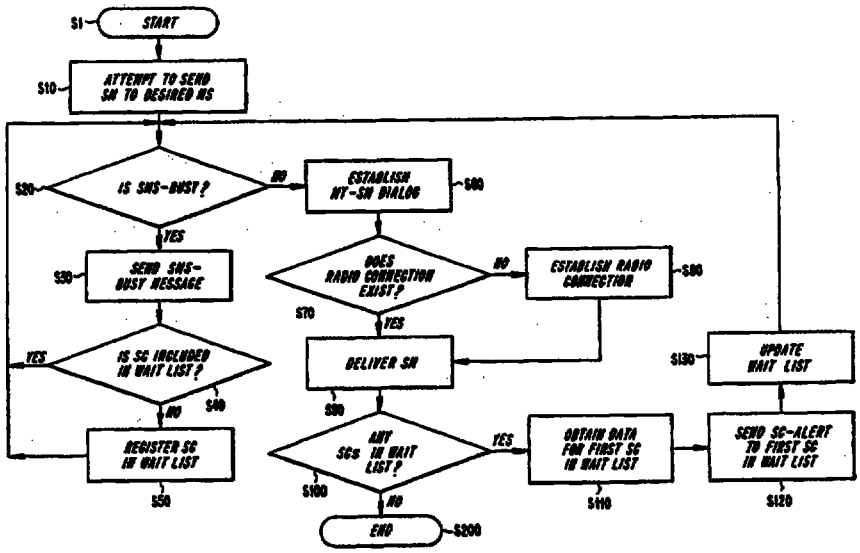

(57) Abstract

A flow control system and method in a global system for mobile communication (GSM) mobile telephone system for short message service (SMS). The SMS enables short text messages to be sent to and from mobile stations. The system and method is directed to a control for a service for messages sent to MSs (MT-SMs) and in particular to the case when several SCs send MT-SMs to the same mobile station subscriber. When several SCs send MT-SMs to the same subscriber, the first SC that establishes a short message dialog is allowed to be fully completed. While the short message dialog for this SC is established, any other SC attempting to send MT-SMs are detected and stored in a waiting list. After the initial short message dialog is completed, the same radio connection in maintained and each of the short messages corresponding to the SC addresses stored in the waiting list are sent by a first in-first to send principle. More generally, the system and method controls messages sent by SMS during a busy condition which enable a better utilization of the network and the network entity resources.