

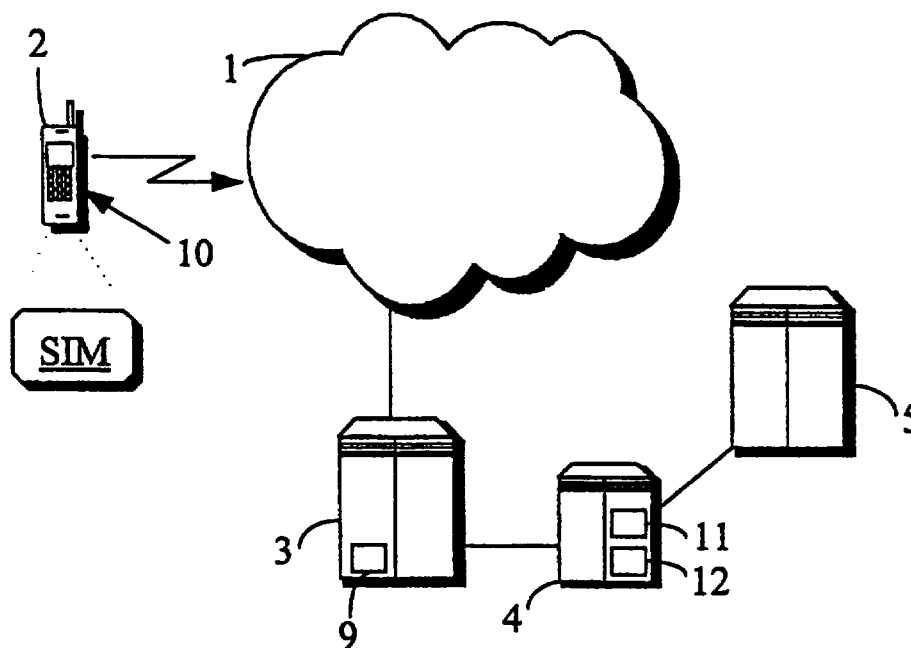


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(54) Title: **PROCEDURE AND SYSTEM FOR THE PROCESSING OF MESSAGES IN A TELECOMMUNICATION SYSTEM**

(57) Abstract

The present invention relates to telecommunication systems. The object of the present invention is to disclose a new type of procedure and system for encrypting the outgoing message traffic between mobile stations consistent with current mobile communication standards and/or between a mobile station and a service provider and for decrypting the incoming message traffic. In addition, the procedure and system of the invention allow encrypted messages to be sent to and received from a closed receiver group in a given area.