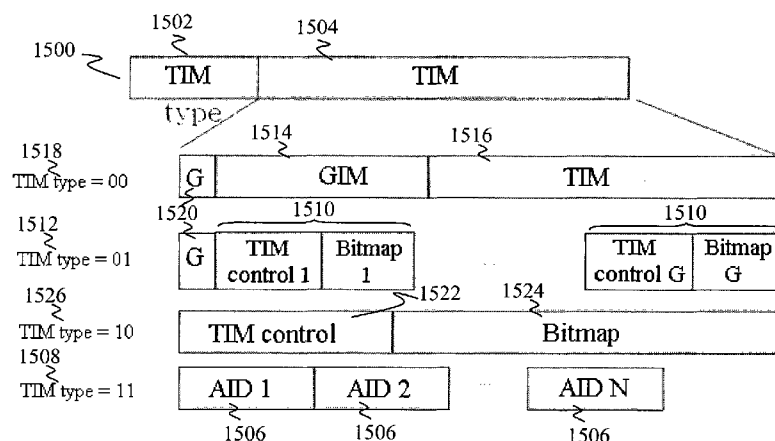




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(54) **Title:** ADDRESSING MULTIPLE COMMUNICATION TERMINALS IN A WIRELESS COMMUNICATION NETWORK



(57) **Abstract:** The present invention is directed to a communication device of a wireless communication network, the communication device including a message generator configured to generate a beacon message having a traffic indication map (TIM) information element (IE), wherein the TIM IE includes a partial virtual bitmap field including at least one cluster; a determiner configured to determine for at least one cluster information indicating whether data is available in the communication device to be transmitted to a plurality of communication terminals of the wireless communication network; an encoder configured to determine an encoding mode for the information depending on the information and to encode the information based on the encoding mode; and a transmitter configured to broadcast the beacon message to the plurality of communication terminals corresponding to the at least one cluster. Methods of simultaneously addressing a plurality of communication terminals in the wireless communication network are also disclosed.