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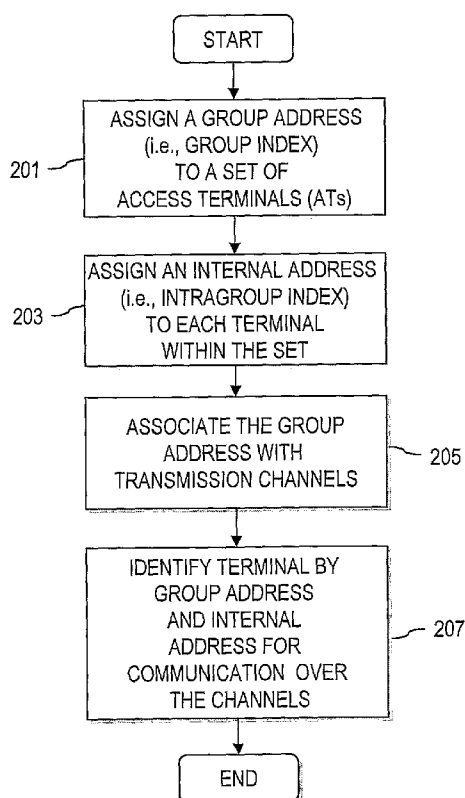
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(54) Title: METHOD AND APPARATUS FOR PROVIDING ADDRESSING IN A MULTI-CARRIER COMMUNICATION SYSTEM



(57) Abstract: An approach is provided for addressing in a multiple carrier communication system. In one embodiment, a group index is assigned to a group of terminals of a communication network. The group index permits sharing of addressing indices supported by the communication network for transmission of data to the group of terminals. In another embodiment, a plurality of terminals is classified using preamble indices corresponding to the terminals into one or more classes. A multi-user packet, which utilizes the preamble indices to activate only a class of the terminals for processing the multi-user packet, is generated.

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