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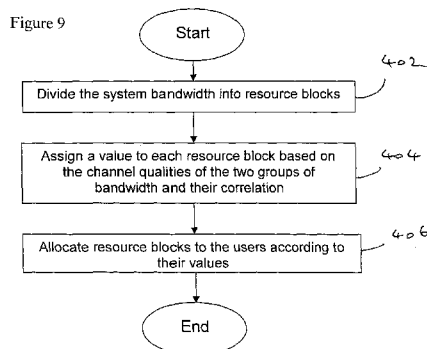
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(54) Title: A MULTIPLE ACCESS COMMUNICATION SYSTEM



(57) Abstract: A multiple access communication system is disclosed herein. In a described embodiment, there is disclosed a method of allocating system bandwidth of the communication system and the method comprises, at step (402), dividing the system bandwidth of the multiple access communication system to form resource blocks amongst which there is one or more pairs symmetric at a carrier frequency; at step (404), assigning a value to each resource block based on the channel qualities and the correlation between the resource block and its counterpart resource block symmetric to the carrier frequency; and at step (406), the symmetric resource blocks are mapped to form respective resource groups based on the values for allocation to respective mobile devices for signal transmission.