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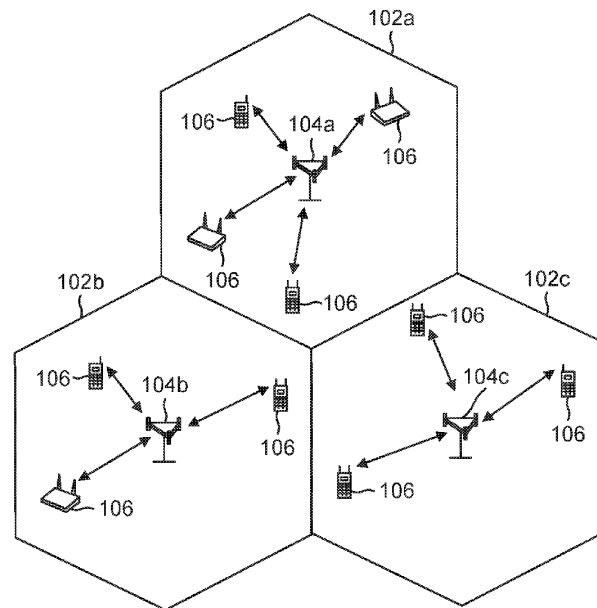
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(54) Title: DATA CHANNEL RESOURCE ALLOCATION

FIG. 1



(57) **Abstract:** Wireless communications systems and methods related to allocating resource blocks and resource block groups in a system band in order to reduce overhead associated with resource allocation. To reduce overhead, the wireless communication device communicates a signal in a control channel that indicates a general area and a resource block in the general area that stores data. The wireless communication device then communicates multiple resource blocks that include the resource block and communicates the data in the resource block using the signal. To reduce overhead, the wireless communication device also communicates multiple mappings for each resource block group into a set of resource blocks and a signal in a control channel that selects one of the multiple mappings. The communication device then determines resource blocks that are included in the resource block group according to the mapping, and communicates data in these resource blocks.

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