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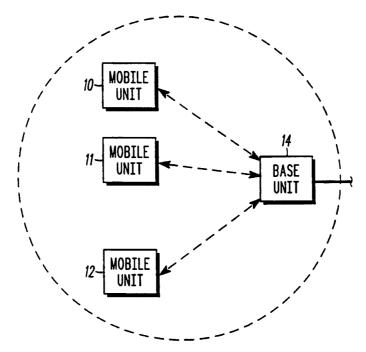
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(54) Title: METHOD AND APPARATUS FOR ALLOCATING SPECTRAL RESOURCES IN A WIRELESS COMMUNICATION SYSTEM



(57) Abstract

The present invention encompasses a method and apparatus for efficiently communicating complex resource allocations from a central access point or base unit (14) to a mobile unit (10) requesting service. The base unit (14) allocates these resources amongst several competing mobile units (10–12) performing a variety of applications. As such, it is often desirable to generate a complex schedule to achieve the optimum assignment providing the highest quality of service to mobile units (10–12). By communicating the complex schedule of uplink resources in one downlink transfer, the mobile unit (10) is free to transmit its data on the uplink without simultaneously receiving the downlink, reducing its complexity significantly.

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INTERNATIONAL SEARCH REPORT

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A. CLASSIFICATION OF SUBJECT MATTER IPC(): H04B 1/38, 7/212; H04L 5/16, 12/43; H04J 3/00								
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X	US 5,555,266 A (BUCHHOLZ et a entirety.	1-35						
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