

Title (en)

METHOD AND APPARATUS FOR ALLOCATING SPECTRAL RESOURCES IN A WIRELESS COMMUNICATION SYSTEM

Title (de)

VERFAHREN UND GERÄT ZUM ZUWEISEN VON FREQUENZRESSOURCEN EINES DRAHTLOSEN KOMMUNIKATIONSSYSTEM

Title (fr)

PROCEDE ET DISPOSITIF SERVANT A AFFECTER DES RESSOURCES SPECTRALES DANS UN SYSTEME DE COMMUNICATION SANS FIL

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Application

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Abstract (en)

[origin: WO9837706A2] 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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