

METHOD AND APPARATUS FOR ALLOCATING COMMUNICATION RESOURCES TO COMMUNICATE DATA IN A RADIO COMMUNICATION SYSTEM

ABSTRACT

Apparatus and method for allocating communication resources in a data radio communication system, such as an MAIO (Mobile Allocation Index Offset) communication system, e.g., a communication system that provides for Enhanced Data for GSM Evolution (EDGE) data services. A multi-carrier radio resource control logic element includes an analyzer that analyzes communication resource requirements to carry out a communication service. A resource allocator allocates communication resources to be used by which to communicate the data. The communication resources are allocated across a plurality of radio carriers such that resources are allocated, during a particular time period, upon a single radio carrier of the plurality of radio carriers.

Figure 1