

Title (en)
RADIO COMMUNICATION SYSTEM

Title (de)
FUNKÜBERTRAGUNGSSYSTEM

Title (fr)
SYSTEME DE RADIOCOMMUNICATION

Publication
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Application
EP 98939778 A 19980824

Priority

- GB 9802535 W 19980824
- GB 9717918 A 19970822

Abstract (en)
[origin: WO9910991A2] Data transmissions take place in a radio communication system between at least one base station and at least one remote station. The base station is able to transmit signals to and receive signals from the remote station whilst the remote station is in a predetermined area. A priority is assigned to each type of data to be transmitted and the type and priority of each forthcoming transmission is determined and stored. Data types of the highest priority are then transmitted prior to data types with lower priorities. Where there is more than one base station there will be a plurality of overlapping communication cells. The base stations broadcast signals in a first time period and remote stations transmit signals in a second time period. The base stations are coupled to a central controller which synchronises the first and second time periods used by the base stations in adjacent cells. The number of transmissions in each cell is monitored and the durations of each of the first and second time periods adjusted to improve the use of available transmission bandwidth. Transmissions from remote stations to base stations may be transmitted after a predetermined delay which is varied in dependence on the distance of the remote station from the base station.

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IPC 8 full level
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Citation (search report)
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