

Title (en)

A METHOD OF EXCHANGING DATA PACKAGES BETWEEN FIRST AND SECOND PORTABLE COMMUNICATION DEVICES USING A FAVOURED FREQUENCY BAND

Title (de)

VERFAHREN ZUM AUSTAUSCH VON DATENPAKETEN ZWISCHEN ERSTEN UND ZWEITEN TRAGBAREN KOMMUNIKATIONSVORRICHTUNGEN UNTER VERWENDUNG EINES BEVORZUGTEN FREQUENZBANDS

Title (fr)

PROCÉDÉ D'ÉCHANGE DE PAQUETS DE DONNÉES ENTRE DES PREMIERS ET SECONDS DISPOSITIFS DE COMMUNICATION PORTABLES AU MOYEN D'UNE BANDE DE FRÉQUENCE PRÉFÉRÉE

Publication

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Application

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Priority

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Abstract (en)

The present invention relates in a first aspect to a method of exchanging data packages between a first portable communication device and a second portable communication device over a bi-directional wireless communication channel, where at least one of the first and second portable communication devices comprises a hearing instrument. The method comprises generating, by the first portable communication device, a first plurality of data packages and transmitting the first plurality of data packages from the first to the second portable communication device through a plurality of spaced apart frequency bands distributed across a predetermined radio frequency range of the bi-directional wireless communication channel. The method further comprises computing, at the first wireless communication device or at the second wireless communication device, respective transmission quality estimators of the plurality of spaced apart frequency bands and determining a favoured frequency band based on the detected transmission quality estimators.

IPC 8 full level

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Citation (search report)

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