

Method and device for determining a set of frequencies that can be used for transmitting information between radio transceivers of a network operating with frequency hopping

ABSTRACT

This method for determining a set of frequencies which may be used in a frequency plane, for transmitting information between at least two transceivers of a network operating with frequency hopping, comprises a step for initially determining an initial step of frequencies which may be used, each having a quantity less than a threshold, at least one step (210, 220) for monitoring first and second portions of the frequency plane, the first monitored portion including the set of the frequencies which may be used, determined previously, the second monitored portion including frequencies not belonging to the set of frequencies which may be used, determined previously, and at least one step (230) for subsequently determining a new set of frequencies which may be used.

The monitoring (210, 220) and subsequent determination (230) steps are carried out automatically by a transceiver.

The subsequent determination step associated with the first monitored portion has a first threshold, and the subsequent determination step associated with the second monitored portion has a second threshold distinct from the first threshold.

Fig. 5