

Title (en)
LOCALIZATION OF NARROWBAND SIGNALS

Title (de)
LOKALISIERUNG VON SCHMALBANDSIGNALEN

Title (fr)
LOCALISATION DE SIGNAUX A BANDE ETROITE

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Abstract (en)
[origin: WO2005122412A1] The invention relates to detecting narrowband signals from received signals. According to the different aspects of the invention, a sample set is first formed from received signals (300), whereby elements of the sample set represent their absolute values (302), and a lower reference value and an upper reference value are determined (304). Then adjacent samples exceeding the lower reference value are grouped in the same cluster (312). The purpose of the clustering is to group signals possibly originating from the same source together. Then, if at least one of these clustered samples exceeds also the upper reference value (316), it is most probable that the cluster is caused by a narrowband signal. The order of the determination steps can be varied according to the different aspects of the invention.

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