

Title (en)
LOCALIZATION OF NARROWBAND SIGNALS

Title (de)
LOKALISIERUNG VON SCHMALBANDSIGNALEN

Title (fr)
LOCALISATION DE SIGNAUX A BANDE ETROITE

Publication
EP 1754312 A4 20120314 (EN)

Application
EP 05749798 A 20050607

Priority

- FI 2005050200 W 20050607
- FI 20045212 A 20040607
- US 88930204 A 20040713

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.

IPC 8 full level
H04B 1/06 (2006.01); **H03J 7/18** (2006.01); **H04B 1/10** (2006.01)

CPC (source: EP)
H04B 1/1027 (2013.01); **H03J 7/18** (2013.01); **H03J 2200/02** (2013.01)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2005122412A1

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2005122412 A1 20051222; EP 1754312 A1 20070221; EP 1754312 A4 20120314

DOCDB simple family (application)
FI 2005050200 W 20050607; EP 05749798 A 20050607