Title (en)
DIGITAL DETECTION METHOD

Title (de)
DIGITALES ERKENNUNGSVERFAHREN

Title (fr)
PROCÉDÉ DE DÉTECTION NUMÉRIQUE

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Application
EP 15717447 A 20150410

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Abstract (en)
[origin: WO2015158615A1] The invention relates to a passive detection method performed by a device comprising one or more sensors, said method comprising: a step of sampling signals received at each sensor using different sub-Shannon sampling frequency values; a step of transforming the sampled signals in the frequency domain by discrete Fourier transform, the frequency pitch #F being selected to be constant; and, for each time-frequency bin, a step of calculating the normalised power in each reception channel, a step of calculating the quadratic sum of the power values calculated, taking account of the power of a possible interference, and a thresholding step such as to guarantee a given false alarm probability.

IPC 8 full level
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Citation (search report)
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