

Title (en)

METHOD AND DEVICE FOR THE SUPPRESSION OF PERIODIC INTERFERENCE SIGNALS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR UNTERDRÜCKUNG VON PERIODISCHEN STÖRSIGNALEN

Title (fr)

PROCEDE ET DISPOSITIF DE SUPPRESSION DE SIGNAUX PERTURBATEURS PERIODIQUES

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Application

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Abstract (en)

[origin: WO03052746A2] The invention relates to a method and a device for suppressing periodic interference signals, comprising a unit (1) which is used to provide a period length (T) for the periodic interference signal, an interference detection unit (2) for detecting a signal (S') corresponding to the interference signal (S), and a subtraction unit (3) for subtracting the signal (S') corresponding to the interference signal. The interference detection unit (2) carries out multiple superpositioning of the input signal (E) and scales the multiple superpositioned input signal depending on the period length (T) of the interference signal in order to detect the signal (S') corresponding to the interference signal.

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