

Title (en)

METHOD FOR DERIVING INTERFERENCE SIGNALS FROM MODULATED DIGITAL SIGNALS

Title (de)

VERFAHREN ZUM ABLEITEN VON STÖRSIGNALEN AUS MODULIERTEN DIGITALEN SIGNALEN

Title (fr)

PROCEDE POUR DERIVER DES SIGNAUX PARASITES A PARTIR DE SIGNAUX NUMERIQUES MODULES

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Application

EP 06806864 A 20060928

Priority

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Abstract (en)

[origin: WO2008037297A1] The invention relates to a method for deriving interference signals from modulated, digital signals. The receiver end then reconstructs the modulated digital signals sent by a transmitter. These reconstructed modulated digital signals are then subtracted from the received modulated digital signals, and the result of the subtraction is used to estimate the interference signals without influence by prior filtering at the receiver end. By way of example, it is possible to demodulate the interference signals estimated at the receiver end in order to ascertain possible unauthorized carrier frequencies which disturb the regular carrier frequencies, even if the interference signals are not completely in the bandwidth of the regular carrier frequency or carrier frequencies.

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Citation (search report)

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