

Title (en)

METHOD AND DEVICE FOR REDUCING AN INTERFERING SIGNAL PORTION AND COMMUNICATION SYSTEM

Title (de)

VERFAHREN UND VORRICHTUNG ZUR REDUZIERUNG EINES STÖRSIGNALANTEILS SOWIE KOMMUNIKATIONSSYSTEM

Title (fr)

PROCÉDÉ ET DISPOSITIF DESTINÉS À LA RÉDUCTION D'UNE PARTIE DE SIGNAL PARASITE ET SYSTÈME DE COMMUNICATION

Publication

**EP 2248269 A1 20101110 (DE)**

Application

**EP 08717129 A 20080226**

Priority

EP 2008052296 W 20080226

Abstract (en)

[origin: WO2009106130A1] The invention relates to a method and a device for reducing an interfering signal portion. The method according to the invention comprises the following steps: (a) transforming an input signal to a multidimensional signal; (b) estimating the interference portion of the multidimensional signal, the estimation of the interference portion being carried out using at least one subset of the multidimensional signal; (c) comparing the interfering signal to the multidimensional signal; and (d) at least partially suppressing the multidimensional signal using the result of comparison.

IPC 8 full level

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Citation (search report)

See references of WO 2009106130A1

Citation (examination)

JÜRGEN NIEDERHOLZ: "Anwendungen der Wavelet-Transformation in Übertragungssystemen", 20 July 1999 (1999-07-20), pages 95 - 158, XP055200898, Retrieved from the Internet <URL:http://duepublico.uni-duisburg-essen.de/servlets/DerivateServlet/Derivate-5014/kapitel5.pdf> [retrieved on 20150708]

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