

Title (en)
APPARATUS AND METHOD FOR PROCESSING A SIGNAL IN THE FREQUENCY DOMAIN

Title (de)
VORRICHTUNG UND VERFAHREN ZUM VERARBEITEN EINES SIGNALS IM FREQUENZBEREICH

Title (fr)
DISPOSITIF ET PROCÉDÉ POUR TRAITER UN SIGNAL DANS LE DOMAINE FRÉQUENTIEL

Publication
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Application
EP 15709184 A 20150311

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Abstract (en)
[origin: WO2015135999A1] An apparatus for processing a signal comprises a processor stage (120) that is designed to filter the signal, which is in a frequency domain representation, using a filter (122) having a filter characteristic in order to obtain a filtered signal (123) in order to apply a frequency domain window function (124, 124a, 124b, 124c) to the filtered signal (123) or to a signal (302) derived from the filtered signal in order to obtain a windowed signal, wherein the application involves multiplication of frequency domain window coefficients of the frequency domain window function by spectral values of the filtered signal (123) or of the signal (302) derived from the filtered signal in order to obtain multiplication results, and summation of the multiplication results. The apparatus additionally comprises a converter (130) for converting the windowed signal (125) or a signal ascertained using the windowed signal to a time domain in order to obtain the processed signal.

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