

Title (en)
INFORMATION SIGNAL PROCESSING BY CARRYING OUT MODIFICATION IN THE SPECTRAL/MODULATION SPECTRAL REGION REPRESENTATION

Title (de)
INFORMATIONSSIGNALVERARBEITUNG DURCH MODIFIKATION IN DER SPEKTRAL-/MODULATIONSSPEKTRALBEREICHSDARSTELLUNG

Title (fr)
TRAITEMENT DE SIGNAUX D'INFORMATION PAR MODIFICATION DANS LA REPRESENTATION DE LA ZONE SPECTRALE/ZONE SPECTRALE DE MODULATION

Publication
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Application
EP 05735002 A 20050322

Priority
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Abstract (en)
[origin: WO2005109240A1] A specific processing of information signals that is separate according to modulation portions and carrier portions is made possible by an arrangement for processing an information signal (14). The arrangement comprises a device (20) for converting the information signal (14) into a time/spectral representation by a block-by-block transformation of the information signal, and comprises a device (22) for converting the information signal of the time/spectral representation into a spectral/modulation spectral representation. This device (22) for converting is designed in such a manner that the spectral/modulation spectral representation is dependent on both an amount portion as well as on a phase portion of the time/spectral representation of the information signal (14). A device (24, 40) then carries out a manipulation or modification of the information signal (14) in the spectral/modulation spectral representation in order to obtain a modified spectral/modulation spectral representation. Another device (26) forms, in the end, a processed information signal (18) that represents a processed version of the information signal (14) based on the modified spectral/modulation spectral representation.

IPC 8 full level
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