

Title (en)

REDUCED COMPLEXITY SLIDING WINDOW BASED EQUALIZER

Title (de)

ENTZERRER AUF SLIDING-WINDOW-BASIS MIT VERRINGERTER KOMPLEXITÄT

Title (fr)

EGALISEUR BASE SUR FENETRE DE GLISSEMENT A COMPLEXITE REDUITE

Publication

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Application

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Abstract (en)

[origin: WO2005004338A2] The present invention has many aspects. One aspect of the invention is to perform equalization using a sliding window approach. A second aspect reuses information derived for each window for use by a subsequent window. A third aspect utilizes a discrete Fourier transform based approach for the equalization. A fourth aspect relates to handling oversampling of the received signals and channel responses. A fifth aspect relates to handling multiple reception antennas. A sixth embodiment relates to handling both oversampling and multiple reception antennas.

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IPC 8 full level

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