

Title (en)

DEVICE FOR PROCESSING A DIGITAL SIGNAL

Title (de)

VORRICHTUNG ZUM VERARBEITEN EINS DIGITALEN SIGNALS

Title (fr)

DISPOSITIF POUR TRAITER UN SIGNAL NUMERIQUE

Publication

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Application

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Abstract (en)

[origin: WO9939440A2] The device for processing a digital signal comprises an input (10) for receiving the digital signal and an output (18) for supplying an output signal. The device further comprises filter means (14) coupled to the output (18) for deriving an error signal and adding means (12) coupled to the input (10) for supplying to the output (18) a sum of the digital signal and the error signal. The adding means (12) are embodied so as to supply the most significant symbols of the sum signal to the output (18) and to supply the least significant symbols of the sum signal to the filter means (14).

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