

Title (en)

INTERPOLATION FILTER AND METHOD FOR DIGITALLY INTERPOLATING A DIGITAL SIGNAL

Title (de)

INTERPOLATIONSFILTER UND VERFAHREN ZUR DIGITALEN INTERPOLATION EINES DIGITALEN SIGNALS

Title (fr)

FILTRE D'INTERPOLATION ET PROCEDE D'INTERPOLATION NUMERIQUE D'UN SIGNAL NUMERIQUE

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Application

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Abstract (en)

[origin: WO0203550A1] The invention relates to an interpolation filter and to a method for filtering a digital input signal. The interpolation filter has an amplitude characteristic with a low-pass-shaped damping curve in the useful signal frequency range of the digital input signal. The group delay time of the interpolation filter is essentially constant in the useful signal frequency range and can be adjusted within a clock period of the equidistant digital signal.

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