

Title (en)
FILTER UNIT COMPRISING A CORE FILTER, DECIMATOR AND INTERPOLATOR

Title (de)
FILTEREINRICHTUNG MIT KERNFILTER, DEZIMATOR UND INTERPOLATOR

Title (fr)
ENSEMBLE FILTRE AVEC FILTRE NOYAU, DECIMATEUR ET INTERPOLATEUR

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Abstract (en)
[origin: DE19940926A1] The invention relates to a filter unit, comprising a decimator (2), core filter (1) and an interpolator (3). According to the invention, the sampling rate is decreased by a fractional sampling rate modification factor L/M, prior to the core filtration process. This allows the construction of a simple filter structure which can be universally used. Parallelisation achieves a structure whose clock rate can be freely modified.

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