

Title (en)

METHOD AND ARRANGEMENT RELATING TO DFT COMPUTATION

Title (de)

VERFAHREN UND ARRANGEMENTIM BEZUG AUF DFT KOMPUTERISIERUNG

Title (fr)

PROCEDE ET DISPOSITIF DE CALCUL AU MOYEN D'UNE TRANSFORMEE DISCRETE DE FOURIER

Publication

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Application

EP 99933444 A 19990705

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Abstract (en)

[origin: WO0002140A1] The present invention relates to an arrangement for a discrete Fourier transform (DFT) computation including m radix-r, $r = 2, 4, 8, \dots$, butterfly operators (11.1-11.4), data memory sets (12, 12') comprising memory units (90-93) and switching means (14, 15). The butterfly operators (11.1-11.4, 11.1', 11.2') are arranged in parallel and connected to m memory units ($m = 1, 2, \dots$) allowing $2r$ accesses per memory unit during each calculation.

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