

Title (en)

MRI SPATIAL ENCODING USING HYPERCOMPLEX NUMBERS

Title (de)

RÄUMLICHE MRI-KODIERUNG MIT HYPERKOMPLEXEN NUMMERN

Title (fr)

ENCODAGE SPATIAL EN IRM AU MOYEN DE NOMBRES HYPERCOMPLEXES

Publication

EP 2191288 A1 20100602 (FR)

Application

EP 08804415 A 20080918

Priority

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- FR 0757654 A 20070918

Abstract (en)

[origin: WO2009037326A1] The invention relates to a method of processing a complex signal comprising - acquisition of a signal in the form of complex numbers; - determination on the basis of the complex signal acquired of the associated hypercomplex components, said components corresponding to at least derivatives with respect to time of the phase of the complex signal acquired; - processing of the hypercomplex signal thus determined in such a way that the signal resulting from the processing comprises a greater number of components than the number of components of the signal acquired.

IPC 8 full level

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CPC (source: EP US)

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