

Title (en)

FLUORESCENCE IMAGE PROCESSING BY NON-NEGATIVE MATRIX FACTORISATION

Title (de)

AUFBEREITUNG VON FLUORESCENZ-DARSTELLUNG DURCH NICHT-NEGATIVE MATRIXFAKTORISIERUNG

Title (fr)

TRAITEMENT D'UNE IMAGE DE FLUORESCENCE PAR FACTORISATION EN MATRICES NON NEGATIVES

Publication

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Application

EP 10707297 A 20100310

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Abstract (en)

[origin: WO2010103026A1] The invention relates to a method for locating at least one fluorescent marker in a scattering medium, in which : a) at least one marker is inserted into said medium ; b) a fluorescence image is obtained by infrared excitation of the medium along a first axis, the image comprising a fluorescence component due to the marker and a self-fluorescence due to a portion of the medium other than the markers; c) the image is processed by factorisation into two non-negative matrices A and S; d) an image of the marker(s) distribution is determined without the self-fluorescence component.

IPC 8 full level

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Citation (search report)

See references of WO 2010103026A1

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