

Title (en)
CLASSIFYING PIXELS AS NATURAL OR SYNTHETIC IMAGE CONTENT

Title (de)
KLASSIFIZIERUNG VON PIXELN ALS NATÜRLICHEN ODER SYNTHETISCHEN BILDINHALT

Title (fr)
ANALYSE D'UNE IMAGE COMPOSEE D'UNE MATRICE DE PIXELS

Publication
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Application
EP 03708399 A 20030312

Priority

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Abstract (en)
[origin: WO03081533A2] Method of analyzing an image composed of a matrix of pixels, each pixel being defined by at least one parameter value arranged in a parameter matrix (Y). The method comprises the steps of performing a differentiation operation on the parameter matrix (Y) resulting in a plurality of differentiation entries (D) arranged in a matrix. Sets of neighboring differentiation entries having nearly the same differentiation entry are determined. A path length is determined for the pixels in each set, indicating a number of entries in that set. Based on the path length and differentiation entry, a pixel is classified as natural or synthetic image content.

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G06T 7/40

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