

Title (en)

CONVOLUTION FILTERING OF SIMILARITY DATA FOR VISUAL DISPLAY OF ENHANCED IMAGE

Title (de)

FALTUNGSFILTERUNG VON ÄHNLICHKEITSDATEN ZUR VISUELLEN DARSTELLUNG EINES VERBESSERTEN BILDES

Title (fr)

FILTRAGE DE CONVOLUTION DES DONNEES DE SIMILARITE DESTINEES A L'AFFICHAGE VISUEL D'UNE IMAGE AMELIOREE

Publication

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Application

EP 00980739 A 20001124

Priority

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Abstract (en)

[origin: WO0139122A1] A similarity value of data elements is modified to provide an improved image of an object. Using an appropriate sensor, data is collected from an object and stored as a plurality of discrete data points. The data points are compared to each other to determine how similar the data properties of one data element are to another data element. A similarity value is assigned to each of the data elements representative of the difference between the properties of the two data elements. The similarity value for each particular data element is then modified based on a weighted similarity value of the data element itself and a group of adjacent data elements. The modified similarity value is then stored for each data element and used to produce an image representative of the object.

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G06T 5/00

IPC 8 full level

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G06T 5/20 (2013.01 - EP KR US); **G06T 5/70** (2024.01 - EP KR); **G06T 7/11** (2017.01 - EP KR); **G06V 10/28** (2022.01 - EP US); **G06T 2207/10088** (2013.01 - EP KR); **G06T 2207/20081** (2013.01 - EP KR); **G06T 2207/20104** (2013.01 - EP KR); **G06T 2207/30096** (2013.01 - EP KR)

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