

Title (en)

METHOD AND DEVICE FOR SEGMENTING A POINT DISTRIBUTION

Title (de)

VERFAHREN UND VORRICHTUNG ZUR SEGMENTIERUNG EINER PUNKTEVERTEILUNG

Title (fr)

PROCEDE ET DISPOSITIF POUR SEGMENTER UNE REPARTITION DE POINTS

Publication

**EP 1203342 A2 20020508 (DE)**

Application

**EP 00941981 A 20000524**

Priority

- DE 19928231 A 19990621
- EP 0004739 W 20000524

Abstract (en)

[origin: DE19928231A1] The method involves defining a characteristic vector for each point with components based on scaling factors, forming texture classes corresp. to image structural elements from characteristic vectors of reference points, determining the distances of all non-reference points from each texture class, associating them to the nearest texture classes and forming the sub-regions for segmenting from the associated points and reference points of the texture classes. An Independent claim is also included for an image segmentation arrangement and for the use of a method or arrangement for processing images of e.g. medical or biological objects.

IPC 1-7

**G06K 9/00**

IPC 8 full level

**G06F 17/18** (2006.01); **G06T 5/00** (2006.01); **G06T 7/00** (2006.01); **G06T 7/11** (2017.01); **G06T 7/40** (2006.01); **G06T 7/41** (2017.01)

CPC (source: EP US)

**G06F 17/18** (2013.01 - EP US); **G06T 7/11** (2016.12 - EP US); **G06T 7/41** (2016.12 - EP US)

Citation (search report)

See references of WO 0079471A2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**DE 19928231 A1 20001228**; **DE 19928231 C2 20030327**; EP 1203342 A2 20020508; JP 2003502765 A 20030121; US 6888965 B1 20050503; WO 0079471 A2 20001228; WO 0079471 A3 20010329

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