

Title (en)

IMAGE SEGMENTING DEVICE AND METHOD FOR SEGMENTING AN IMAGE WITH A PLURALITY OF PIXELS

Title (de)

BILDSEGMENTIERUNGS-EINRICHTUNG UND VERFAHREN ZUM SEGMENTIEREN EINES BILDES MIT EINER VIELZAHL VON BILDPUNKTEN

Title (fr)

DISPOSITIF DE SEGMENTATION D'IMAGE ET PROCEDE POUR SEGMENTER UNE IMAGE PRESENTANT UNE PLURALITE DE POINTS D'IMAGE

Publication

**EP 1481370 A1 20041201 (DE)**

Application

**EP 03743286 A 20030213**

Priority

- DE 0300433 W 20030213
- DE 10209082 A 20020301

Abstract (en)

[origin: WO03075223A1] Disclosed is an image segmenting device provided with a plurality of pixel pulsed artificial neurons which are coupled to each other via one respective weighted coupling. A weight-modifying unit modifies the weights of the couplings according to the pulse signals of the neurons such that neurons of a segment that is to be formed emit neuron pulse signals in an increasingly synchronous manner.

IPC 1-7

**G06T 5/00**

IPC 8 full level

**G06T 1/40** (2006.01); **G06T 5/00** (2006.01); **G06V 10/20** (2022.01)

CPC (source: EP US)

**G06T 7/11** (2016.12 - EP US); **G06V 10/20** (2022.01 - EP US); **G06V 10/457** (2022.01 - EP US); **G06V 10/955** (2022.01 - EP US); **G06T 2200/28** (2013.01 - EP US); **G06T 2207/20084** (2013.01 - EP US)

Citation (search report)

See references of WO 03075223A1

Designated contracting state (EPC)

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