

Title (en)

METHOD AND A HAND-HELD DEVICE FOR IDENTIFYING OBJECTS IN A SEQUENCE OF DIGITAL IMAGES BY CREATING BINARIZED IMAGES BASED ON A ADAPTIVE THRESHOLD VALUE

Title (de)

VERFAHREN UND IN DER HAND GEHALTENE EINRICHTUNG ZUM IDENTIFIZIEREN VON OBJEKTEN IN EINER SEQUENZ DIGITALER BILDER DURCH ERZEUGEN BINÄRSISERTER BILDER AUF DER BASIS EINES ADAPTIVEN SCHWELLENWERTS

Title (fr)

PROCEDE ET APPAREIL PORTATIF POUR IDENTIFIER DES OBJETS DANS UNE SEQUENCE D'IMAGES NUMERIQUES PAR LA CREATION D'IMAGES BINARISEES SUR LA BASE D'UNE VALEUR DE SEUIL ADAPTATIF

Publication

EP 1449171 A1 20040825 (EN)

Application

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Priority

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- SE 0103845 A 20011120

Abstract (en)

[origin: WO03044740A1] In a method for identifying objects in a digital image which is included in a sequence of images, luminance values of a current digital image are compared with at least one threshold value in order to create a current binarized image on the basis of the comparison. A quality measure for the current binarized image is also calculated, whereupon said at least one threshold value is updated on the basis of the quality measure for use in binarization of a subsequent image. The method can be realized in the form of a computer program, a computer program product, a device, and a hand-held apparatus for position determination.

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G06T 7/00; **G06K 9/00**

IPC 8 full level

G06K 9/22 (2006.01); **G06K 9/38** (2006.01); **G06T 5/00** (2006.01); **G06V 10/28** (2022.01)

CPC (source: EP US)

G06V 10/28 (2022.01 - EP US); **G06V 30/142** (2022.01 - EP US)

Citation (search report)

See references of WO 03044740A1

Citation (third parties)

Third party :

- US 5661506 A 19970826 - LAZZOUNI MOHAMED [US], et al
- US 5852434 A 19981222 - SEKENDUR ORAL F [US]
- DYMETMAN M; COPPERMAN M: "Intelligent paper", LECTURE NOTES IN COMPUTER SCIENCE, vol. 1375, March 1998 (1998-03-01), pages 392 - 406, XP002328425

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