

Title (en)

OBJECT DETECTION ON A PIXEL PLANE IN A DIGITAL IMAGE SEQUENCE

Title (de)

OBJEKTDETEKTION AUF BILDPUNKTEBENE IN DIGITALEN BILDSEQUENZEN

Title (fr)

DETECTION D'OBJETS SUR LE PLAN DES PIXELS DANS DES SEQUENCES D'IMAGES NUMERIQUES

Publication

EP 1920406 A1 20080514 (DE)

Application

EP 06700512 A 20060103

Priority

- EP 2006000013 W 20060103
- DE 102005004510 A 20050131
- DE 102005008131 A 20050221

Abstract (en)

[origin: DE102005008131A1] The method involves determining two dimensional (2D) position of relevant pixels within an image recording and assigning a distance value to each pixel. The pixels are localized in another image recording. The 2D position or adjustment of the pixels and the value are again assigned to each pixel. The position and movement of relevant pixels are determined by a filter. The pixels are combined to objects under given terms and conditions. An independent claim is also included for an application of a method for detecting an object on a pixel plane in a digital image sequence.

IPC 8 full level

G06T 7/20 (2006.01)

CPC (source: EP US)

G06T 7/215 (2016.12 - EP US); **G06T 7/277** (2016.12 - EP US); **G06V 20/58** (2022.01 - EP US); **G06V 20/582** (2022.01 - EP US)

Citation (search report)

See references of WO 2006081906A1

Citation (examination)

"Serious Games", vol. 2449, 1 January 2002, SPRINGER INTERNATIONAL PUBLISHING, Cham, ISBN: 978-3-642-15171-2, ISSN: 0302-9743, article STEFAN HEINRICH: "Real Time Fusion of Motion and Stereo Using Flow/Depth Constraint for Fast Obstacle Detection", pages: 75 - 82, XP055537281, DOI: 10.1007/3-540-45783-6_10

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

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DOCDB simple family (application)

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