

Title (en)

CORRELATION OF POSITION DATA THAT ARE DETERMINED BY MEANS OF A VIDEO TRACKING SYSTEM WITH A SECOND LOCALIZATION SYSTEM

Title (de)

KORRELATION VON MITTELS EINES VIDEOTRACKING-SYSTEMS ERMITTELTEN POSITIONSDATEN MIT EINEM ZWEITEN LOKALISIERUNGSSYSTEM

Title (fr)

CORRÉLATION DE DONNÉES DE POSITION DÉTERMINÉES AU MOYEN D'UN SYSTÈME DE SUIVI VIDÉO À L'AIDE D'UN DEUXIÈME SYSTÈME DE LOCALISATION

Publication

EP 2257828 A1 20101208 (DE)

Application

EP 09724822 A 20090313

Priority

- EP 2009001850 W 20090313
- DE 102008016200 A 20080328

Abstract (en)

[origin: WO2009118109A1] The invention relates to a video tracking system which determines the position of objects, for examples players in a football match, by evaluating video image information. The video-tracking system according to the invention is characterized by an independent positioning system which preferably is used in instances when the video-based positioning is defective or fails. In an embodiment of the invention, the independent positioning system is GPS-based, every football player carrying a portable GPS module which transmits the position data to the system by radio. Additional data such as for example the heart rate or acceleration can also be transmitted.

IPC 8 full level

A63B 71/06 (2006.01); **G01S 5/00** (2006.01); **G01S 5/14** (2006.01); **G01S 19/48** (2010.01); **G06T 7/20** (2006.01)

CPC (source: EP US)

A63B 24/0021 (2013.01 - EP US); **A63B 71/0605** (2013.01 - EP US); **G01S 5/0027** (2013.01 - EP US); **G01S 19/485** (2020.05 - EP US); **G06T 7/20** (2013.01 - EP US); **A63B 2024/0025** (2013.01 - EP US); **A63B 2024/0028** (2013.01 - EP US); **A63B 2220/12** (2013.01 - EP US); **A63B 2225/50** (2013.01 - EP US); **A63B 2230/06** (2013.01 - EP US); **G06T 2207/10016** (2013.01 - EP US); **G06T 2207/30221** (2013.01 - EP US)

Citation (search report)

See references of WO 2009118109A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

DE 102008016200 A1 20091001; EP 2257828 A1 20101208; US 2012002055 A1 20120105; WO 2009118109 A1 20091001

DOCDB simple family (application)

DE 102008016200 A 20080328; EP 09724822 A 20090313; EP 2009001850 W 20090313; US 93440709 A 20090313