

Title (en)

INSTALLATION FOR CONTROLLING THE PLAYING TIME OF A SPORTING EVENT

Title (de)

EINRICHTUNG ZUR STEUERUNG DER WIEDERGABEZEIT EINES SPORTEREIGNISSES

Title (fr)

INSTALLATION DE CONTRÔLE DU TEMPS DE JEU D'UN ÉVÈNEMENT SPORTIF

Publication

EP 2589027 A1 20130508 (FR)

Application

EP 11738015 A 20110624

Priority

- FR 1002728 A 20100630
- FR 2011051458 W 20110624

Abstract (en)

[origin: US2012002509A1] A control installation of the playing time of a sporting event, in particular of the basketball game type, including a portable acquisition and detection system of a whistle signaling the stoppage of the playing time, said portable system converting the acoustic signals into digital signals, digitally processing these digital signals and delivering a digital refereeing signal in response to the detection of the whistle; and a fixed system for controlling the playing time in digital radio connection with the portable system and comprising controller for controlling the stoppage and/or restarting of a stopwatch counting down the playing time in response to the reception of the digital refereeing signal, the invention also concerning the portable system alone and the fixed system alone specially adapted for the portable system, as well as an audio-digital communication terminal by temporal multiplexing integrating such a portable system.

IPC 8 full level

G07C 1/22 (2006.01); **A63B 71/00** (2006.01)

CPC (source: EP US)

A63B 71/0616 (2013.01 - EP US); **G07C 1/22** (2013.01 - EP US); **G08C 23/02** (2013.01 - EP US); **A63B 2220/62** (2013.01 - EP US);
A63B 2243/0037 (2013.01 - EP US)

Citation (search report)

See references of WO 2012001275A1

Designated contracting state (EPC)

AL 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 RS SE SI SK SM TR

DOCDB simple family (publication)

US 2012002509 A1 20120105; US 8786416 B2 20140722; BR 112012033385 A2 20161122; CA 2801855 A1 20120105;
CN 102971771 A 20130313; CN 102971771 B 20160330; EP 2589027 A1 20130508; FR 2962240 A1 20120106; FR 2962240 B1 20130322;
US 2013235702 A1 20130912; WO 2012001275 A1 20120105

DOCDB simple family (application)

US 91763910 A 20101102; BR 112012033385 A 20110624; CA 2801855 A 20110624; CN 201180032771 A 20110624;
EP 11738015 A 20110624; FR 1002728 A 20100630; FR 2011051458 W 20110624; US 201113806617 A 20110624