

Title (en)

Method and means for automatic time registration at large sporting events

Title (de)

Verfahren und Vorrichtung zur automatischen Zeitnahme bei sportlichen Massenveranstaltungen

Title (fr)

Méthode et dispositif pour l'enregistrement de temps lors de grandes manifestations sportives

Publication

EP 1376272 A3 20071114 (DE)

Application

EP 03010867 A 20030515

Priority

DE 10227451 A 20020620

Abstract (en)

[origin: EP1376272A2] The method involves reading an individual code of a transponder and associating with a recorded time. An internal timer of the transponder is activated by an electromagnetic field produced at a goal or at an intermediate position. A transponder time is evaluated with a determination of a finish time from the recorded time as an adjustment amount. An Independent claim is also included for a device for automatic timing of mass sporting events.

IPC 8 full level

G04F 8/08 (2006.01); **A63B 69/00** (2006.01); **A63B 71/06** (2006.01); **G07C 1/22** (2006.01); **G07C 1/24** (2006.01)

CPC (source: EP US)

A63B 69/0028 (2013.01 - EP US); **A63B 71/0605** (2013.01 - EP US); **G04F 8/08** (2013.01 - EP US); **G07C 1/22** (2013.01 - EP US); **G07C 1/24** (2013.01 - EP US)

Citation (search report)

- [Y] WO 9806184 A1 19980212 - FORREN HELMUT R [US]
- [Y] US 4604621 A 19860805 - SUTER MAX [CH]
- [A] EP 0043671 A1 19820113 - HOCKEN REDVERS ALBERT
- [A] GB 2260438 A 19930414 - FOLEY ELECTRONICS LIMITED [GB]

Cited by

EP2009595A1; US5925374A; EP3073447A1; US8179233B2; US10537782B2; WO2017025628A1; WO2007004021A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

Designated extension state (EPC)

AL LT LV MK

DOCDB simple family (publication)

EP 1376272 A2 20040102; **EP 1376272 A3 20071114**; **EP 1376272 B1 20090826**; DE 10227451 A1 20040115; DE 50311840 D1 20091008; US 2003235116 A1 20031225; US 7057975 B2 20060606

DOCDB simple family (application)

EP 03010867 A 20030515; DE 10227451 A 20020620; DE 50311840 T 20030515; US 46573703 A 20030619