

Title (en)

Method and arrangement for determining passing times at control points, in particular for sport events

Title (de)

Verfahren und Anordnung zur Erfassung von Passierzeiten an Kontrollstellen, insbesondere bei Sportveranstaltungen

Title (fr)

Methode et système pour déterminer les temps de passage aux points de contrôle, particulièrement pour des événements sportifs

Publication

EP 2453415 B1 20130424 (DE)

Application

EP 11186481 A 20111025

Priority

DE 102010060571 A 20101116

Abstract (en)

[origin: EP2453415A1] The method involves arranging two transmitters (3, 5) at an equal spacing (A) to a checkpoint (7) such that a local position of the checkpoint is determined by a straight line connecting the transmitters. Two messages with identical signal strengths are repeatedly transmitted through the checkpoint from the two transmitters, respectively. The signal strengths are combined to determine the total signal strength, and the total signal strength is compared with reference signal strength to determine a passing time of the message through the checkpoint. An independent claim is also included for an arrangement for detecting the passage times of participants at a sporting event, comprising a transponder.

IPC 8 full level

G07C 1/24 (2006.01)

CPC (source: EP)

G07C 1/24 (2013.01)

Cited by

EP3316226A1; US11238670B2; US10537782B2; EP3073447A1; CN112308999A; WO2017025628A1; WO2018078040A1; TWI700672B

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