

Title (en)

TIMING APPARATUS PARTICULARLY FOR RACING VEHICLES.

Title (de)

ZEITNAHMEVORRICHTUNG, INSBESONDERE FÜR RENNWAGEN.

Title (fr)

APPAREIL DE CHRONOMETRAGE EN PARTICULIER POUR VEHICULES DE COURSE.

Publication

EP 0472539 B1 19940216

Application

EP 90906768 A 19900514

Priority

- AU 5658490 A 19900514
- AU PJ416689 A 19890515

Abstract (en)

[origin: WO9014643A1] A timing apparatus for providing timing information to a moving person (11) moving past a datum line (13). A radiation source (15) located at the datum line (13) emits modulated radiation in a diverging conical radiation zone (16) across a path (12) along which the person moves and straddling the datum line (13) across the path (12). A radiation sensor (21) located on an aerial (22) receives radiation emitted by the radiation source (15) as the radiation zone (16) is crossed and generates a sensor signal (21a). A radiation detector circuit (26) receives the sensor signal (21a) and is tuned to discriminate the modulated radiation from the radiation source (15) and to generate a detector signal (26a) for as long as radiation from the radiation source (15) is being received and detected. A calculator circuit (27) calculates a predetermined proportion of the duration of the radiation zone crossing as represented by the duration of the detector signal (26a) so as to determine the instant of crossing of the datum line (13) and display means (28) display timing information including the time of crossing of the datum line (13).

IPC 1-7

G07C 1/24; **G07C 1/22**

IPC 8 full level

G07C 1/24 (2006.01)

CPC (source: EP)

G07C 1/24 (2013.01)

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB IT LI LU NL SE

DOCDB simple family (publication)

WO 9014643 A1 19901129; EP 0472539 A1 19920304; EP 0472539 A4 19920603; EP 0472539 B1 19940216

DOCDB simple family (application)

AU 9000195 W 19900514; EP 90906768 A 19900514