

Title (en)

Time-measuring device for vehicles.

Title (de)

Zeitmesseinrichtung für Fahrzeuge.

Title (fr)

Dispositif de chronométrage de mobiles.

Publication

EP 0435055 B1 19941130 (FR)

Application

EP 90123723 A 19901210

Priority

FR 8917295 A 19891226

Abstract (en)

[origin: EP0435055A1] The device permits identification and determination of the instant when a plurality of vehicles (4) pass a reference line (30). <??>It comprises a mobile station (1) installed on the vehicle and a fixed station (2) arranged at the edge of a race track (3). The fixed station (2) transmits a synchronisation signal at low frequency of period T, which is received by a mobile station (1) which in its turn transmits a series of signals of duration T_n situated at a predetermined rank with respect to the time, to, marking each period T start. Conjointly, the mobile station (1) allots, to each signal T_n an identification code which is unique to a defined mobile object. The signals received by the fixed station (2) are stored in a memory storing, for each signal, its absolute time, its assignment to a given vehicle (4) and its amplitude. <??>The device is used for motor vehicle races comprising a large number of contestants. <IMAGE>

IPC 1-7

G07C 1/24

IPC 8 full level

G01S 13/78 (2006.01); **G04F 8/08** (2006.01); **G04F 10/00** (2006.01); **G07C 1/24** (2006.01); **G07C 5/00** (2006.01); **G08G 1/123** (2006.01)

CPC (source: EP US)

G04F 8/08 (2013.01 - EP US); **G04F 10/00** (2013.01 - EP US); **G07C 1/24** (2013.01 - EP US); **G08G 1/123** (2013.01 - EP US)

Cited by

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Designated contracting state (EPC)

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EP 0435055 A1 19910703; **EP 0435055 B1 19941130**; AT E114843 T1 19941215; AU 638386 B2 19930624; AU 6840890 A 19910704; CA 2032913 A1 19910627; DE 69014575 D1 19950112; FI 906364 A0 19901221; FI 906364 A 19910627; FR 2656447 A1 19910628; FR 2656447 B1 19920327; JP H04128676 A 19920430; US 5140307 A 19920818

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