

Title (en)
DEVICE FOR THE ELECTROMAGNETIC TRANSMISSION OF AN EVENT IN A DISTURBED ENVIRONMENT

Publication
EP 0125624 B1 19871007 (FR)

Application
EP 84105246 A 19840509

Priority
FR 8308653 A 19830513

Abstract (en)
[origin: US4604621A] The electromagnetic transmission in an interference-laden environment of events defined by the time of their occurrence is accomplished by repeatedly generating, at equal intervals after occurrence of the event, signals representing the occurrence of the event. An event which must be defined by the time t_e at which it occurs triggers a switch which in turn triggers a time base whose signal is sent to a counter. The counter produces at its output a sequence of pulses which are coded in a coder. The code indicates for each pulse the deviation in time ΔT_i which separates it from the time at which the event occurred. The sequence of pulses is sent electromagnetically to a receiver via a transmitter. The first interference-free pulse received is processed by a decoder which provides the value ΔT_i to an arithmetic unit. The arithmetic unit subtracts the value ΔT_i from the time of day t_h to obtain the time of day t_e of the event. The device is applicable in particular to the timing of sporting events.

IPC 1-7
G04F 8/08; **G07C 1/24**

IPC 8 full level
G04F 8/08 (2006.01); **G07C 1/24** (2006.01)

CPC (source: EP US)
G04F 8/08 (2013.01 - EP US); **G07C 1/24** (2013.01 - EP US)

Citation (examination)
EP 0074330 A1 19830316 - LONGINES MONTRES COMP D [CH]

Cited by
EP1139299A1; FR2806315A1; EP0334744A1; FR2629203A1

Designated contracting state (EPC)
AT CH DE IT LI

DOCDB simple family (publication)
EP 0125624 A1 19841121; **EP 0125624 B1 19871007**; AT E30197 T1 19871015; DE 3466745 D1 19871112; FR 2545952 A1 19841116; FR 2545952 B1 19870320; US 4604621 A 19860805

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