

Title (en)  
CHRONOMETRY METHOD, CENTRALIZED MANAGEMENT SYSTEM USING THIS METHOD AND ITS APPLICATION TO THE DETECTION OF  
LEAKS IN A FLUID TRANSPORT NETWORK

Publication  
**EP 0077249 B1 19860115 (FR)**

Application  
**EP 82401798 A 19821001**

Priority  
FR 8119074 A 19811009

Abstract (en)  
[origin: EP0077249A1] 1. A method of relative chronometry of events detected by stations which are remotely located from a central managing post, the stations being connected by transmission lines to said post, characterized in - that in the central post, time reference signals are generated and simultaneously transmitted to the stations, the time interval between two said successive signals defining time units of a duration which is by far longer than the cycle duration of interrogations-replies of the central post to all the stations ; - that in each station, a first counter is initialized by the received reference signal, that by means of a clock counting pulses are delivered simultaneously to said first and a second counter, that the second counter is charged with the contents of the first counter as soon as the second counter has reached its maximum capacity, this capacity being greater than the maximum number of counting pulses in a time unit, that to each event, time data are associated which are constituted by the contents of the second counter at the moment of the detection of the event, and by an information concerning the removal of ambiguity and having different states at the beginning and at the end of a time unit, and that the information relating to the event, together with corresponding time data, are transmitted during the interrogations of the stations by the central post, - and that in the central post, the received informations are allocated with supplementary time data corresponding to a time unit number.

IPC 1-7  
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IPC 8 full level  
**G04G 7/00** (2006.01); **G06F 17/40** (2006.01)

CPC (source: EP)  
**G04G 7/00** (2013.01)

Cited by  
EP0807873A1; US6130860A; EP1170086A1; EP0816008A1; US5981905A; US6018136A; KR980003121A; US6288978B1

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