Title (en)

PROCESS FOR ACTUALIZING THE LOCAL TIME OF A USER OF AN INFORMATION TRANFER SYSTEM

Publication

EP 0258838 A3 19910123 (DE)

Application

EP 87112555 A 19870828

Priority

DE 3629600 A 19860901

Abstract (en)

[origin: EP0258838A2] The time-of-day offset of the local time-of-day clock (3), consisting of an oscillator (4) and a time-of-day processor (5), of the user system (1) is determined with respect to a reference time-of-day clock (10) by means of a comparator (13). Together with the time-of-day data, which contain the instant of startup or the preceding comparison and are stored in an updating instant memory (6), and with the updated time-of-day data of the reference time-of-day clock (10), these time-of-day offset data are then fed to an evaluator (14) in which the mean frequency accuracy of the oscillator (4) in the time-of-day clock (3) of the user system (1) is determined and can then be used both to adjust the temporal offsets of the time-of-day comparison intervals and for a frequency retuning of the oscillator (4) in the user system time-of-day clock (3). The invention can be applied in spatially separated systems, especially mobile systems, controlled by the time of day, eg information transfer systems operating with encoding and having a temporally changed code. <IMAGE>

IPC 1-7

G04G 5/00

IPC 8 full level

G04G 5/00 (2013.01)

CPC (source: EP)

G04R 20/00 (2013.01)

Citation (search report)

- [A] US 4142069 A 19790227 - STOVER HARRIS A
- [A] US 3808365 A 19740430 - EHRAT K
- [A] US 4337463 A 19820629 - VANGEN ROBERT F
- [A] US 3026481 A 19620320 - BEESLEY JAMES P
- [A] PATENT ABSTRACTS OF JAPAN, Band 10, Nr. 102 (P-448)[2159], 18. April 1986; & JP-A-60 236 088 (HITACHI) 22-11-1985

Cited by

EP1028535A4; EP1122622A1; EP0590337A1; DE4423366C1; GB2261752A; GB2261752B; US5528560A; US2011035613A1; US8756446B2; US6552752B1; WO0023854A1; EP0703514A1

Designated contracting state (EPC)

BE DE FR GB IT NL

DOCDB simple family (publication)

EP 0258838 A2 19880309; **EP 0258838 A3 19910123**

DOCDB simple family (application)

EP 87112555 A 19870828