Title (en)

TIME SWITCH

Publication

EP 0394654 B1 19930203 (DE)

Application

EP 90104705 A 19900313

Priority

DE 8903636 U 19890322

Abstract (en)

[origin: EP0394654A2] A time switch (14) that is resistant to voltage failure in the supply network (12) is to be equipped in an operationally reliable fashion so as to avoid the typical fault phenomena after a relatively long standby operation of power reserve storage devices and the relatively high costs for the storage device elements. The invention dispenses entirely with any power reserve on the basis of the realisation that during the time interval when a network (12) has failed the load (11) cannot be operated in any case, so that in this interval it is not necessary to operate the time switch (14) correctly with respect to time. Instead of this, the time switch (14) is operated with a storage device (16) for the switching instants that is resistant to network failure, and together with a radio clock (17), which, when the network (12) is once again available, determines the real time, and corrects the control state of the time switch (14) to said time. <IMAGE>

IPC 1-7

G04G 5/00; G04G 15/00

IPC 8 full level

G04G 3/00 (2006.01); **G04G 5/00** (2013.01); **G04G 15/00** (2006.01); **G04R 20/00** (2013.01); **G04R 20/08** (2013.01)

CPC (source: EP)

G04G 15/00 (2013.01); **G04R 20/00** (2013.01); **G04R 20/08** (2013.01)

Citation (examination)

EP 0180155 A2 19860507 - JUNGHANS UHREN GMBH [DE]

Cited by

DE9302090U1; DE4126073B4; DE4300543A1; DE19782170B3; US8050145B2; US10048653B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

DE 8903636 U1 19900719; DE 59000832 D1 19930318; EP 0394654 A2 19901031; EP 0394654 A3 19910320; EP 0394654 B1 19930203; HK 79294 A 19940819

DOCDB simple family (application)

DE 8903636 U 19890322; DE 59000832 T 19900313; EP 90104705 A 19900313; HK 79294 A 19940811