Title (en)

MEMORIZING THE FIRST OPERATING TIME OF A STAND-BY BATTERY AND/OR INDICATING THE END OF A STAND-BY BATTERY LIFETIME

Title (de)

ABSPEICHERUNG DES ZEITPUNKTES DER ERSTMALIGEN INBETRIEBNAHME EINER STÜTZBATTERIE UND/ODER KENNTLICHMACHUNG DES ERREICHENS DES ENDES DER LEBENSDAUER EINER STÜTZBATTERIE

Title (fr)

MISE EN MEMOIRE DU MOMENT DE LA PREMIERE MISE EN SERVICE D'UNE BATTERIE DE SECOURS ET/OU INDICATION DE LA FIN DE LA DUREE DE VIE D'UNE BATTERIE DE SECOURS

Publication

**EP 1002354 A1 20000524 (DE)**

Application

**EP 98945069 A 19980729**

Priority

- DE 9802171 W 19980729
- DE 19734057 A 19970806

Abstract (en)

[origin: WO9908360A1] The invention concerns a stand-by battery consisting of an accumulator for ensuring the standby supply of a circuit, in service voltage, coupled with an electrically irreversible element constituted by a fuse, to form a unit. If said irreversible element is its initial state at the time of query, it shifts to its irreversible state and said time is memorized. By fixing without ambiguity the first operating time of the stand-by battery, a change of battery which appears to be required for security reasons before the guaranteed lifetime expires, can be avoided. In a particular embodiment, the irreversible element indicates the time when the stand-by battery reaches the end of its lifetime.

IPC 1-7

**H02J 7/00**; H01M 6/30; H01M 6/50; H01M 10/48

IPC 8 full level

**H01M 6/50** (2006.01); **H01M 10/42** (2006.01); **H02J 7/00** (2006.01); G01R 31/36 (2006.01); H01M 10/44 (2006.01)

CPC (source: EP US)

**H01M 6/50** (2013.01 - EP US); **H02J 7/0029** (2013.01 - EP US); G01R 19/16542 (2013.01 - EP US); H01M 10/448 (2013.01 - EP US); H01M 2200/10 (2013.01 - EP US); H01M 2200/103 (2013.01 - EP US); H01M 2200/30 (2013.01 - EP US); Y02E 60/10 (2013.01 - EP)

Citation (search report)

See references of WO 9908360A1

Designated contracting state (EPC)

DE ES FR GB IT NL

DOCDB simple family (publication)

**WO 9908360 A1 19990218**; CN 1266547 A 20000913; EP 1002354 A1 20000524; JP 2001512896 A 20010828; US 2002097023 A1 20020725

DOCDB simple family (application)

**DE 9802171 W 19980729**; CN 98808088 A 19980729; EP 98945069 A 19980729; JP 2000506708 A 19980729; US 48530800 A 20000204