

Publication

EP 0873522 A4 19981028

Application

EP 96931483 A 19960906

Priority

- US 9614351 W 19960906
- US 346395 P 19950908
- US 1048796 P 19960123

Abstract (en)

[origin: WO9711361A1] An apparatus and method for measuring electrical characteristics of an energy delivery system utilizes a voltage sensitive circuit such as a voltmeter (26), a controllable current source or sink and a microcomputer (22). The microcomputer controls the current source or sink in order to source at least one predetermined current pattern or to sink at least one predetermined current pattern from a portion of an energy delivery system. The voltage sensitive circuit (26) responds to a voltage developed in response to the current pattern and the microcomputer (22) calculates at least one electrical characteristic of the energy system as a result of the response.

IPC 1-7

G01R 31/36

IPC 8 full level

G01R 27/02 (2006.01); **G01R 31/00** (2006.01); **G01R 31/36** (2006.01); **H01M 10/48** (2006.01)

CPC (source: EP)

G01R 31/006 (2013.01)

Citation (search report)

- [XA] EP 0432689 A2 19910619 - CANON KK [JP]
- [A] EP 0616226 A1 19940921 - ALCATEL CONVERTERS [FR]
- [A] WO 8302005 A1 19830609 - BEAR AUTOMATIVE SERVICE EQUIPM [US]
- [X] US 5049803 A 19910917 - PALANISAMY THIRUMALAI G [US]
- [A] BERNDT D ET AL: "MONITORING OF STATIONARY VALVE REGULATED LEAD ACID BATTERIES", PROCEEDINGS OF THE INTERNATIONAL TELECOMMUNICATIONS ENERGY CONFEREN (INTELEC), KYOTO, NOV. 5 - 8, 1991, no. CONF. 13, 5 November 1991 (1991-11-05), INSTITUTE OF ELECTRICAL AND ELECTRONICS ENGINEERS, pages 181 - 188, XP000314578
- See references of WO 9711361A1

Designated contracting state (EPC)

DE ES FR GB IE IT NL SE

DOCDB simple family (publication)

WO 9711361 A1 19970327; AU 7015296 A 19970409; EP 0873522 A1 19981028; EP 0873522 A4 19981028; JP 2000502177 A 20000222

DOCDB simple family (application)

US 9614351 W 19960906; AU 7015296 A 19960906; EP 96931483 A 19960906; JP 51274897 A 19960906