

Title (en)  
ELECTRICAL PARAMETER MONITORING SYSTEM

Title (de)  
ÜBERWACHUNGSSYSTEM FÜR ELEKTRISCHE PARAMETER

Title (fr)  
SYSTEME DE SURVEILLANCE DE PARAMETRES ELECTRIQUES

Publication  
**EP 1055130 A4 20010516 (EN)**

Application  
**EP 98960930 A 19981223**

Priority  
• AU 9801073 W 19981223  
• AU PP110497 A 19971223

Abstract (en)  
[origin: WO9934224A1] A monitoring system for monitoring parameters of an apparatus, comprising a plurality of inputs for receiving a plurality of electrical analog signals representative of parameters of the apparatus, a multiplexing circuit for multiplexing the analog signals into sequential analog input signals, an auto-ranging circuit for individually scaling each of the sequential analog input signals to within a predetermined range suitable for digital processing thereof, a signal converter for converting the scaled sequential analog input signals into respective digital signals, and digital processing system for storing and/or manipulating the digital signals.

IPC 1-7  
**G01R 27/02**; **G01R 31/36**; **G06F 17/40**; **H01M 10/48**

IPC 8 full level  
**G01R 31/36** (2006.01)

CPC (source: EP)  
**G01R 31/3648** (2013.01)

Citation (search report)  
• [XY] WO 9413197 A1 19940623 - SIEMENS MEDICAL SYSTEMS INC [US]  
• [Y] PATENT ABSTRACTS OF JAPAN vol. 1998, no. 14 31 December 1998 (1998-12-31)  
• See references of WO 9934224A1

Cited by  
CN103454519A

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**WO 9934224 A1 19990708**; AU PP110497 A0 19980122; CA 2315678 A1 19990708; CN 1285042 A 20010221; EP 1055130 A1 20001129; EP 1055130 A4 20010516

DOCDB simple family (application)  
**AU 9801073 W 19981223**; AU PP110497 A 19971223; CA 2315678 A 19981223; CN 98813260 A 19981223; EP 98960930 A 19981223