

Title (en)

DEVICE FOR MONITORING AND CONTROLLING SWITCHING DEVICES AND COMBINATIONS OF SWITCHING DEVICES

Publication

**EP 0193732 B1 19910327 (DE)**

Application

**EP 86101193 A 19860130**

Priority

DE 3505818 A 19850220

Abstract (en)

[origin: EP0193732A1] Devices for monitoring and controlling switchgear to determine the required maintenance dates usually operate on a mechanical or time basis. Electronic devices are limited to counting the switching cycles and comparison with stored reference values. In order to achieve maintenance or inspection appropriate to the actual state of the switchgear, the events actually occurring and the instantaneous state of the switchgear are recorded by a multiplicity of sensors (1 to 13) and fed as signals to an evaluation logic (14) which carries out a correlation, an assessment and a comparison with stored behaviour patterns (16) and acts on an optical and/or acoustical indicating device (17) or makes a record in a scannable memory (15). <IMAGE>

IPC 1-7

**G01R 31/00**

IPC 8 full level

**G01R 31/00** (2006.01); **H01H 1/00** (2006.01)

CPC (source: EP)

**H01H 1/0015** (2013.01); **B65H 2557/652** (2013.01); **H01H 2011/0068** (2013.01); **H01H 2071/044** (2013.01)

Cited by

EP1475813A1; DE102005046925A1; DE19636264A1; DE4326942A1; CN104620349A; US5426592A; EP0594830A4; DE102006053398A1; DE102004062266A1; EP2405454A1; EP3104481A1; EP3142136A1; CN106527251A; DE102008028980A1; US5596263A; US5666256A; DE10260248A1; DE10260248B4; EP0327692A1; DE102009018140A1; EP0982812A1; US5941370A; US6023036A; EP2317527A1; US11004620B2; US6188035B1; US9903909B2; US9797954B2; US8737033B2; US10020149B2; US6313636B1; WO2020187451A1; WO2006069959A1; WO2014039165A1; US8274771B2; US7123461B2; WO9811573A1; WO2011051067A1; WO2005104155A1; WO9908301A1; EP2239752B2

Designated contracting state (EPC)

CH DE FR GB IT LI SE

DOCDB simple family (publication)

**EP 0193732 A1 19860910; EP 0193732 B1 19910327**; DE 3505818 A1 19860821; DE 3678315 D1 19910502; FI 860734 A0 19860219; FI 860734 A 19860821; FI 87610 B 19921015; FI 87610 C 19930125

DOCDB simple family (application)

**EP 86101193 A 19860130**; DE 3505818 A 19850220; DE 3678315 T 19860130; FI 860734 A 19860219