

Title (en)

Apparatus and monitoring method for electrical plants

Title (de)

Vorrichtung und Überwachungsverfahren für elektrische Einrichtungen

Title (fr)

Dispositif et procédé de surveillance pour appareillage électrique

Publication

EP 1788599 A1 20070523 (FR)

Application

EP 06354032 A 20061019

Priority

FR 0511810 A 20051122

Abstract (en)

Device has a transmitter (1) including emission units for emitting electromagnetic signals (4) towards an electrical apparatus (3) e.g. circuit breaker, and a maintaining unit (5) for maintaining the emission units. The emission units include a set of emitters (2) distributed on different positions of the maintaining unit. Each emitter is coupled with a reception unit of the electrical apparatus in order to receive an electromagnetic control signal comprising a data representing the detection of the apparatus. A position or location representing data is associated to each emitter. An independent claim is also included for a method of monitoring an electrical apparatus.

IPC 8 full level

H01H 9/16 (2006.01)

CPC (source: EP)

H01H 9/168 (2013.01)

Citation (search report)

- [A] WO 0157897 A1 20010809 - LEGRAND SA [FR], et al
- [A] EP 0162376 A2 19851127 - RUHRTAL GMBH [DE]
- [A] EP 0289645 A1 19881109 - HYDRO QUEBEC [CA]

Cited by

CN102426617A; FR3077687A1; FR2949592A1; EP2290632A3; EP2290632A2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1788599 A1 20070523; EP 1788599 B1 20080625; AT E399364 T1 20080715; CN 1971648 A 20070530; CN 1971648 B 20100818; DE 602006001567 D1 20080807; ES 2307277 T3 20081116; FR 2893742 A1 20070525; FR 2893742 B1 20071221

DOCDB simple family (application)

EP 06354032 A 20061019; AT 06354032 T 20061019; CN 200610148658 A 20061122; DE 602006001567 T 20061019; ES 06354032 T 20061019; FR 0511810 A 20051122