

Title (en)

REDUNDANT PROTECTIVE SYSTEM AND METHOD FOR THE REDUNDANT MONITORING OF OBJECTS TO BE PROTECTED IN AN ELECTRICAL ENERGY SUPPLY SYSTEM

Title (de)

REDUNDANTES SCHUTZSYSTEM UND VERFAHREN ZUM REDUNDANTEN ÜBERWACHEN VON SCHUTZOBJEKTEN IN EINEM ELEKTRISCHEN ENERGIEVERSORGUNGSNETZ

Title (fr)

SYSTÈME DE PROTECTION REDONDANT ET PROCÉDÉ DE SURVEILLANCE REDONDANTE D'OBJETS PROTÉGÉS DANS UN RÉSEAU D'ALIMENTATION EN ÉNERGIE ÉLECTRIQUE

Publication

EP 2070172 A1 20090617 (DE)

Application

EP 06805374 A 20061004

Priority

DE 2006001754 W 20061004

Abstract (en)

[origin: WO2008040263A1] The invention relates to a redundant protective system for monitoring objects to be protected (42a, 42b) in an electrical energy supply system with at least two objects to be protected (42a, 42b) and at least two electrical protective devices (44a, 44b). In order to increase the availability of such a protective system, the invention proposes that the at least two electrical protective devices (44a, 44b) are each designed as the main protective device for an object to be protected (42a, 42b) and an additional electrical protective device (46) is provided as the reserve protective device for all objects to be protected (42a, 42b). Alternatively, the invention can also provide that each electrical protective device (64, 65) is associated with precisely one object to be protected (62a, 62b) as the main protective device and with precisely one other object to be protected as the reserve protective device. The invention also relates to a method for the redundant monitoring of objects to be protected in an energy supply system.

IPC 8 full level

H02H 7/26 (2006.01); **H02H 3/05** (2006.01)

CPC (source: EP)

H02H 3/05 (2013.01); **H02H 7/262** (2013.01); **H02H 1/0061** (2013.01)

Citation (search report)

See references of WO 2008040263A1

Cited by

CN104685750A

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 RS

DOCDB simple family (publication)

WO 2008040263 A1 20080410; DE 112006004166 A5 20090910; EP 2070172 A1 20090617

DOCDB simple family (application)

DE 2006001754 W 20061004; DE 112006004166 T 20061004; EP 06805374 A 20061004