

Title (en)

PROTECTION FOR POWER GRID HAVING AN INFRARED DATA TRANSMISSION LINK USING THE WAP PROTOCOL

Title (de)

NETZSCHUTZ MIT INFRAROT-DATENÜBERTRAGUNGSVERBINDUNG UNTER VERWENDUNG EINES WAP-PROTOKOLLS

Title (fr)

PROTECTION POUR RESEAU ELECTRIQUE AYANT UNE LIAISON DE TRANSMISSION DE DONNEES INFRAROUGE UTILISANT LE PROTOCOLE WAP

Publication

EP 1310029 A1 20030514 (FR)

Application

EP 01965317 A 20010808

Priority

- FR 0102576 W 20010808
- FR 0010519 A 20000810

Abstract (en)

[origin: WO0213349A1] The invention concerns digital protection for a high voltage power grid, designed to control the opening of circuit-breakers (13, 14, 15) in case of faults detected by current and/or voltage sensors on the distribution lines (10, 11, 12) connected to the circuit-breakers, comprising a data transmission link with an infrared portable telephone (16, 18). The transmission uses the wireless application protocol (WAP).

IPC 1-7

H02H 1/00

IPC 8 full level

H02H 3/02 (2006.01); **H02H 1/00** (2006.01); **H02J 13/00** (2006.01); **H04B 7/26** (2006.01)

CPC (source: EP US)

H02H 1/0069 (2013.01 - EP US)

Citation (search report)

See references of WO 0213349A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)

WO 0213349 A1 20020214; AU 8598401 A 20020218; EP 1310029 A1 20030514; FR 2812981 A1 20020215; FR 2812981 B1 20021018; JP 2004506400 A 20040226; US 2002032026 A1 20020314; US 6704568 B2 20040309

DOCDB simple family (application)

FR 0102576 W 20010808; AU 8598401 A 20010808; EP 01965317 A 20010808; FR 0010519 A 20000810; JP 2002518596 A 20010808; US 77356501 A 20010202