

Title (en)
Overvoltage protection device

Title (de)
Überspannungsschutzgerät

Title (fr)
Dispositif de protection contre les surtensions

Publication
EP 1587188 B1 20110601 (DE)

Application
EP 05006854 A 20050330

Priority
DE 202004006227 U 20040416

Abstract (en)
[origin: US2005231872A1] An overvoltage protection device for protection of low voltage electrical installations, has a device base part with terminals for phase conductors and ground or neutral conductors and at least one overvoltage protection element, with at least one arrester which is located in a housing. The base part of the device has at least one telecommunications contact which has a switch for remote indication of the state of at least one overvoltage protection element, the base part of the device having plug contacts which are connected to the terminals, and the overvoltage protection element having corresponding connector contacts so that the overvoltage protection element can be plugged onto the base part of the device. The overvoltage protection device is improved by the overvoltage protection element having an optical status display and the optical status display and the switch of the telecommunications contact being actuated via a common mechanical actuating system.

IPC 8 full level
H01T 1/12 (2006.01); **H01T 4/06** (2006.01)

CPC (source: EP US)
H01T 1/12 (2013.01 - EP US); **H01T 4/06** (2013.01 - EP US)

Cited by
WO2012130192A1; AU2012237620B2; CN107069435A; US8810988B2; US8477468B2; DE202012101040U1; US7483252B2; DE102022205306B3

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 MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2005231872 A1 20051020; US 7411769 B2 20080812; AT E511709 T1 20110615; BR PI0501315 A 20051206; CN 100550566 C 20091014; CN 1684332 A 20051019; DE 202004006227 U1 20040916; EP 1587188 A1 20051019; EP 1587188 B1 20110601; ES 2366397 T3 20111019; RU 2005110984 A 20061020; RU 2379806 C2 20100120

DOCDB simple family (application)
US 10659305 A 20050415; AT 05006854 T 20050330; BR PI0501315 A 20050415; CN 200510065790 A 20050418; DE 202004006227 U 20040416; EP 05006854 A 20050330; ES 05006854 T 20050330; RU 2005110984 A 20050415