

Title (en)

Surge arrester with a fault current indicating device

Title (de)

Überspannungsableiter mit einer Vorrichtung zur Anzeige eines Fehlerstroms

Title (fr)

Dérivateur de surtensions, muni d'un dispositif indiquant un courant de défaut

Publication

**EP 0915544 B1 20031203 (DE)**

Application

**EP 98811058 A 19981022**

Priority

DE 19749522 A 19971108

Abstract (en)

[origin: EP0915544A1] The electric appts. esp. a lightning or surge voltage protector (3) has an insulated material housing (8), acted on with high voltage, and is provided with a system for the optical indication of a faulty condition, caused by a fault current. The indicating system is designed as at least one part of the outer surface of the insulated housing (8) contg. data tape (9). Which with heating up to a limit temp., which lies above a permitted operating temp. of the appts. transmits an optically detectable signal. The limit temp. lies between 159 and 500 deg.C. The data carrier (9) is provided at a part of the outer surface of the housing (8), exposed to the increasing temp. effect of the fault current.

IPC 1-7

**H01T 1/12**

IPC 8 full level

**H01T 1/12** (2006.01)

CPC (source: EP US)

**H01T 1/12** (2013.01 - EP US)

Cited by

CN105762650A; WO2007117163A1; WO2017191566A1

Designated contracting state (EPC)

DE FR GB IT SE

DOCDB simple family (publication)

**EP 0915544 A1 19990512; EP 0915544 B1 20031203**; DE 19749522 A1 19990512; DE 59810327 D1 20040115; US 6028759 A 20000222

DOCDB simple family (application)

**EP 98811058 A 19981022**; DE 19749522 A 19971108; DE 59810327 T 19981022; US 18688798 A 19981106