

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)

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DOCDB simple family (publication)

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

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