

Title (en)

Surge absorbing material with a further electrical function

Title (de)

Material zur Absorption von elektrischen Störimpulsen mit einer weiteren elektrischen Funktion

Title (fr)

Matériel absorbant des impulsions parasites avec une fonction électrique supplémentaire

Publication

EP 1993109 B1 20140604 (EN)

Application

EP 07108466 A 20070518

Priority

EP 07108466 A 20070518

Abstract (en)

[origin: EP1993109A1] A surge absorbing material with dual functions has one of the characteristics among capacitance, inductance, voltage suppressor and thermistor in addition to surge absorbing characteristic, which microcosmic compositions include a glass substrate with high resistance and three kinds of low-resistance conductive or semiconductive particles in micron, submicron and nanometer size uniformly distributed in the glass substrate to provide with good surge absorbing characteristic.

IPC 8 full level

H01C 7/12 (2006.01); **H01C 7/10** (2006.01); **H01C 7/105** (2006.01)

CPC (source: EP)

H01C 7/10 (2013.01); **H01C 7/105** (2013.01); **H01C 7/12** (2013.01)

Cited by

CN103971866A

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 MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1993109 A1 20081119; EP 1993109 B1 20140604

DOCDB simple family (application)

EP 07108466 A 20070518