

Title (en)
ELECTRICAL MULTILAYERED COMPONENT

Title (de)
ELEKTRISCHES VIELSCHICHTBAUELEMENT

Title (fr)
COMPOSANT ÉLECTRIQUE MULTICOUCHE

Publication
EP 2394275 B1 20191016 (DE)

Application
EP 10701703 A 20100202

Priority
• EP 2010051247 W 20100202
• DE 102009007316 A 20090203

Abstract (en)
[origin: WO2010089294A1] The electrical multilayered component has a basic body (1) with outer electrodes (2, 2') and inner electrodes (3, 4) and a ceramic varistor layer (5), which has been provided with the first inner electrode (3), and a dielectric layer (6) adjoining the varistor layer (5). The dielectric layer (6) has at least one opening (8), which is filled with a semiconducting material or a metal.

IPC 8 full level
H01C 7/10 (2006.01); **H01C 7/12** (2006.01); **H01C 7/18** (2006.01)

CPC (source: EP KR US)
H01C 7/10 (2013.01 - EP KR US); **H01C 7/102** (2013.01 - EP US); **H01C 7/12** (2013.01 - EP KR US); **H01C 7/18** (2013.01 - EP KR US)

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)
DE 102009007316 A1 20100805; CN 102308341 A 20120104; CN 102308341 B 20130605; EP 2394275 A1 20111214;
EP 2394275 B1 20191016; JP 2012517097 A 20120726; JP 5758305 B2 20150805; KR 101665742 B1 20161012; KR 20110116041 A 20111024;
US 2012044039 A1 20120223; US 8410891 B2 20130402; WO 2010089294 A1 20100812

DOCDB simple family (application)
DE 102009007316 A 20090203; CN 201080006488 A 20100202; EP 10701703 A 20100202; EP 2010051247 W 20100202;
JP 2011546873 A 20100202; KR 20117020632 A 20100202; US 201013146490 A 20100202