

Title (en)

Electrical assembly comprising PTC-resistor elements

Title (de)

Elektrische Baugruppe mit PTC-Widerstandselementen

Title (fr)

Composant électrique comprenant des éléments de résistance PTC

Publication

EP 1921636 A3 20090114 (DE)

Application

EP 07120090 A 20071106

Priority

DE 102006053085 A 20061110

Abstract (en)

[origin: EP1921636A2] The component has two positive temperature co-efficient (PTC) resistor units arranged in a carrier plate of a housing, where each of the resistor units has a base body (15) and electrodes (16, 17), which are arranged at its main surface. Each of the resistor units has an electrically insulated casing (6). Connecting leads (41, 42) are soldered at a soldering point (5) at each electrode of the respective resistor unit, and the casing covers the soldering point. The thickness of the casing at the main surfaces and in areas of edges of the base body is homogenous.

IPC 8 full level

H01C 1/14 (2006.01); **H01C 7/02** (2006.01)

CPC (source: EP US)

H01C 1/14 (2013.01 - EP US); **H01C 7/02** (2013.01 - EP US)

Citation (search report)

- [X] EP 0443618 A2 19910828 - MURATA MANUFACTURING CO [JP]
- [A] WO 2004028126 A1 20040401 - EPCOS AG [DE], et al
- [A] EP 0994491 A2 20000419 - MURATA MANUFACTURING CO [JP]

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

Designated extension state (EPC)

AL BA HR MK RS

DOCDB simple family (publication)

EP 1921636 A2 20080514; EP 1921636 A3 20090114; EP 1921636 B1 20160928; CN 101335127 A 20081231; DE 102006053085 A1 20080515; US 2009251276 A1 20091008; US 7928828 B2 20110419

DOCDB simple family (application)

EP 07120090 A 20071106; CN 200710159618 A 20071109; DE 102006053085 A 20061110; US 93710707 A 20071108