

Title (en)

Polymer compound with non linear current-voltage characteristic and method of making a polymer compound

Title (de)

Polymercompound mit nichtlinearer Strom-Spannungs-Kennlinie und Verfahren zur Herstellung eines Polymercompounds

Title (fr)

Composé polymère avec une caractéristique courant-tension non linéaire et procédé de fabrication d'un composé polymère

Publication

EP 1274102 B1 20110223 (DE)

Application

EP 01810645 A 20010702

Priority

EP 01810645 A 20010702

Abstract (en)

[origin: EP1274102A1] A polymer compound (I) with a nonlinear current-voltage response comprises a polymer matrix and an embedded filler having a nonlinear current-voltage response. The filler comprises at least two filler components with differing nonlinear current-voltage responses. An independent claim is included for a process for the production of the polymer compound (I) by mixing a polymer and filler components in a mix ratio to produce a polymer compound (I) with the desired nonlinear current-voltage response.

IPC 8 full level

C08L 101/00 (2006.01); **H01C 7/112** (2006.01); **C08K 3/00** (2006.01)

CPC (source: EP US)

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EP 0576836 A2 19940105 - ABB RESEARCH LTD [CH]

Cited by

EP1603140A1; US4654457A; US7651636B2

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