Title (en)

Method of manufacturing a pressure-sensitive conductive elastomer compound.

Title (de)

Verfahren zur Erzeugung eines druckempfindlichen leitfähigen Verbundelastomers.

Title (fr)

Procédé de fabrication d'un composé élastomère conducteur sensible à la pression.

Publication

EP 0223355 A1 19870527 (EN)

Application

EP 86307049 A 19860912

Priority

JP 25352585 A 19851111

Abstract (en)

Baked and carbonized conductive spherical particles of a macromolecular material are incorporated and dispersed into a matrix material having insulating and elastomeric properties. The conductivity of the conductive particles varies according to the degree of their carbonization. The resulting compound exhibits high resistance (insulating performance) when it is in non-pressed condition and, as the compound is pressed, its resistance varies according to the magnitude of the pressure.

IPC 1-7

H01B 1/24

IPC 8 full level

C08K 3/04 (2006.01); **C08L 21/00** (2006.01); **H01B 1/24** (2006.01); **H01C 10/10** (2006.01)

CPC (source: EP)

H01B 1/24 (2013.01); **H01C 10/106** (2013.01)

Citation (search report)

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Designated contracting state (EPC)

CH DE FR GB LI

DOCDB simple family (publication)

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DOCDB simple family (application)

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