

Title (en)
CONDUCTIVE COMPOSITION FOR PRODUCING CARBON FLEXIBLE HEATING STRUCTURE, CARBON FLEXIBLE HEATING STRUCTURE USING THE SAME, AND MANUFACTURING METHOD THEREOF

Title (de)
LEITFÄHIGE ZUSAMMENSETZUNG ZUR HERSTELLUNG VON FLEXIBLEN KOHLENSTOFF-HEIZSTRUKTUREN, DIESE VERWENDENDE FLEXIBLE KOHLENSTOFF-HEIZSTRUKTUR UND VERFAHREN ZU DEREN HERSTELLUNG

Title (fr)
COMPOSITION CONDUCTRICE PERMETTANT DE PRODUIRE UNE STRUCTURE DE CARBONE CHAUFFANTE SOUPLE, STRUCTURE DE CARBONE CHAUFFANTE SOUPLE FAISANT APPEL A UN PROCÉDÉ, ET PROCÉDÉ DE FABRICATION ASSOCIÉ

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Application
EP 05789643 A 20050329

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Abstract (en)
[origin: WO2006004282A1] Provided is a conductive composition formed of a mixture of liquid silicon rubber and conductive carbon black wherein a weight ratio between the liquid silicon rubber and the conductive carbon black is 100: 1-15, or a conductive composition formed of a mixture of liquid silicon rubber and graphite powder wherein a weight ratio between the liquid silicon rubber and the graphite powder is 100: 10-150. A carbon flexible heating structure is manufactured by mixing a conductive composition formed of liquid silicon rubber and a filler, agitating a mixture of the liquid silicon rubber and conductive carbon black by adding a diluent at a rate of 1-100% with respect to the weight of the liquid silicon rubber, and molding the mixture into a particular shape and curing the molded mixture.

IPC 8 full level
H01B 1/04 (2006.01); **C08K 3/04** (2006.01)

CPC (source: EP)
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