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(54) Title: METHOD FOR FORMING UV-CURABLE CONDUCTIVE COMPOSITIONS AND A COMPOSITION THUS FORMED

(57) Abstract: Polymeric, optionally adhesive, composition and method for producing such composition with the ability to be subsequently cured by UV light to an anisotropic electrically conductive polymer layer, comprising the steps of i) providing a non-conductive matrix of a flowable polymer composition having inherent photocurability, ii) adding to said matrix conductive particles having a low aspect ratio in an amount sufficiently low to allow the concentration of the conductive particles to be maintained at a level lower than the percolation threshold, and iii) placing the thus formed composition in a receptacle in which exposure to UV light is prevented. A method for establishing an anisotropic electrically conductive and optionally thermally conductive layer is also disclosed.

INTERNATIONAL SEARCH REPORT

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| International application No PCT/N02011/000345 |
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| A. CLASSIFICATION OF SUBJECT MATTER INV. C09J9/02 H01B1/22 H01B1/24 ADD. | | | | |
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| B. FIELDS SEARCHED | | | | |
| Minimum documentation searched (classification system followed by classification symbols) C09J H01B | | | | |
| Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched | | | | |
| Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) EPO-Internal, WPI Data | | | | |
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| <input checked="" type="checkbox"/> Further documents are listed in the continuation of Box C. <input checked="" type="checkbox"/> See patent family annex. | | | | |
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| Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Fax: (+31-70) 340-3016 | Authorized officer Marsitzky, Dirk | | | |

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