

Title (en)
ELECTRICALLY CONDUCTING MATERIAL AND A METHOD TO PREPARE IT

Title (de)
ELEKTRISCH LEITFÄHIGES MATERIAL UND VERFAHREN ZUR HERSTELLUNG

Title (fr)
MATIERE ELECTROCONDUCTRICE ET PROCEDE DE PREPARATION

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Application
EP 95908969 A 19950220

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Abstract (en)
[origin: WO9528716A1] The invention relates to electrically conductive plastics blends which contain a polyaniline complex doped with a protonic acid, the blends having been prepared by dry-mixing together an electrically conductive polyaniline complex and a matrix plastic. The dry blend according to the invention is a melt-processible, homogeneous material the electrical conductivity properties of which are very good even at low conductive polymer contents. The invention also relates to a method for the preparation of such a dry blend. It is possible to add to the dry blend more matrix plastic and any necessary plastics additives and to process the blend with conventional plastics processing methods into the desired end products. Preferred end products include the shielding casings, packaging cases and transport cases for sensitive electronic devices, as well as various floor covering materials.

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