

Title (en)
ELECTRICAL DEVICES

Title (de)
ELEKTRISCHE VORRICHTUNGEN

Title (fr)
DISPOSITIFS ÉLECTRIQUES

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Abstract (en)
[origin: WO2009012931A2] The invention relates to an electrical device, comprising an electrically conductive element and a plastic part in contact with the conductive element, wherein at least a part of the electrically conductive element is made of a silver comprising composition and wherein the plastic part, partially or integrally, is made of polymer composition comprising a semi-aromatic polyamide (X) comprising units derived from aliphatic diamines and dicarboxylic acids, wherein (a) the dicarboxylic acids (A) consist of a mixture of 5-65 mole% aliphatic dicarboxylic acid and/or aromatic dicarboxylic acid other than terephthalic acid (A1) and 35-95 mole % terephthalic acid (A2); (b) the aliphatic diamines (B) consist a mixture of 10-70 mole% of a short chain aliphatic diamine with 2-5 C atoms (B1) and 30-90 mole % of a long chain aliphatic diamine with at least 6 C atoms (B2); and (c) the combined molar amount of terephthalic acid (A2) and the long chain aliphatic diamine (B2) is at least 60 mole %, relative to the total molar amount of the dicarboxylic acids and diamines.

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