

Title (en)

SEMI-FINISHED PRODUCT IN THE FORM OF A CONDUCTIVE STRIP THAT CAN BE EMBEDDED IN A COMPOSITE MATERIAL, AND METHOD FOR MANUFACTURING SUCH A STRIP

Title (de)

HALBERZEUGNIS IN FORM EINES LEITENDEN STREIFENS ZUR EINBETTUNG IN EINEM VERBUNDWERKSTOFF UND VERFAHREN ZUR HERSTELLUNG EINES SOLCHEN STREIFENS

Title (fr)

SEMI-PRODUIT SOUS LA FORME D'UNE BANDE CONDUCTRICE INTÉGRABLE DANS UN MATÉRIAU COMPOSITE ET PROCÉDE DE FABRICATION D'UNE TELLE BANDE

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Application

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Abstract (en)

[origin: WO2012163674A1] The invention relates to a semi-finished product in the form of a strip (101, 102) that can be deposited by drape-forming so as to constitute a laminated composite material, characterized in that it includes, along a cross-section thereof and along the entire length thereof: a first conductive layer (105, 106) made of an electrically conductive material; two isolating layers (121, 122) made of a dielectric material completely surrounding the conductive layer (105, 106), the widths of the cross-sections of which is greater than the width of the conductive layer; two bonding layers (111, 112) extending in the thickness direction on either side of the isolation layers (121, 122) and outside the strip (101, 102). The invention also relates to a method for the continuous production of such a strip.

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