

Title (en)

KNITTED THREE-DIMENSIONAL ELECTROCONDUCTIVE MAT FOR USE AS A LIGHTNING-RESISTANT WALL

Title (de)

GESTRICKTE DREIDIMENSIONALE ELEKTRISCH LEITFÄHIGE MATTE ZUR VERWENDUNG ALS BLITZSCHUTZWAND

Title (fr)

NAPPE ELECTROCONDUCTRICE TRIDIMENSIONNELLE TRICOTEE POUR CONSTITUER UNE PAROI RESISTANT A LA FOUDRE

Publication

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Application

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Abstract (en)

[origin: WO2023281180A1] The invention relates to a three-dimensional electroconductive mat formed of an electroconductive knitted fabric capable of homogeneously distributing electrical charges over the entire surface thereof, characterised in that the knitted fabric comprises at least one electroconductive metal filament yarn; a composite material comprising such a mat, and 40 to 95% by volume of a thermoplastic and/or thermosetting polymer material; and the use of such a three-dimensional electroconductive mat or such a composite material as a lightning-resistant wall.

IPC 8 full level

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