



ISTITUTO ITALIANO
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TITLE

Dispositivo di protezione corporale, particolarmente casco protettivo

INVENTORS

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DESCRIPTION

The present invention relates to a method of preparing graphene-based filler that can confer high mechanical resistance and thermal dissipation to the substrate it is deposited on. The proposed invention relies on the addition of graphene flakes in form of ink or powder to paint, varnish and or diluent components to make a mixture that can be deposited on a substrate with conventional and industrially relevant methods such as spray coating amongst others.



APPLICATIONS

Corporal protection, helmet

KEYWORDS

Filler, graphene, mechanical resistance, thermal dissipation, coating paint

BIBLIOGRAPHIC DATA

Corporal protective device particularly a protective helmet

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