

Title (en)

ELECTRIC CONTACT COMPRISING A METAL-GRAPHENE COMPOSITE LAYER

Title (de)

ELEKTRISCHER KONTAKT MIT EINER METALL-GRAPHEN-VERBUNDSCHICHT

Title (fr)

CONTACT ÉLECTRIQUE COMPRENANT UNE COUCHE COMPOSITE MÉTAL-GRAPHÈNE

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Application

EP 21770279 A 20210921

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- EP 2021075892 W 20210921

Abstract (en)

[origin: EP3971928A1] The invention relates to an electric contact configured to repeatedly closing and opening a conducting path by breaking and connecting an electrical circuit. The electric contact comprises a metal-graphene composite layer in which functionalized graphene is dispersed in a matrix of the metal, wherein the functionalized graphene is present in an amount within the range of from 0.05 wt% to 3 wt%.

IPC 8 full level

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