

Title (en)

ELECTROMAGNETIC INTERFERENCE SHIELDING COMPOSITION, ARTICLE AND METHODS THEREOF

Title (de)

ELEKTROMAGNETISCHE INTERFERENZABSCHIRMENDE ZUSAMMENSETZUNG, GEGENSTAND UND VERFAHREN DAFÜR

Title (fr)

COMPOSITION DE PROTECTION CONTRE LES INTERFÉRENCES ÉLECTROMAGNÉTIQUES, ARTICLE ET PROCÉDÉS ASSOCIÉS

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2021094836A1] The present disclosure relates to the field of polymer engineering, applied industrial technology and electromagnetic interference (EMI) shielding materials. Particularly, the present disclosure relates to a low-density EMI shielding composition comprising soft elastomer, conductive nanostructure and metal ferrite doped reduced graphene oxide (RGO) and method of preparing the composition. The composition of the present disclosure is useful for manufacturing EMI shielding articles such as coating, adhesive, sheet, absorber, gasket, Microwave Absorbing Material, Radar Absorbing Material, soft electromagnetic interference shielding material, etc. The present disclosure also relates to articles comprising the composition and methods of obtaining the same.

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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- See references of WO 2021094836A1

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