

Title (en)

SCRATCH RESISTANT MINERAL-FILLED POLYMER COMPOSITIONS, PRODUCTION METHODS AND USES

Title (de)

KRATZFESTE MINERALGEFÜLLTE POLYMERZUSAMMENSETZUNGEN, HERSTELLUNGSVERFAHREN UND VERWENDUNGEN

Title (fr)

COMPOSITIONS POLYMÈRES À CHARGE MINÉRALE RÉSISTANTE AUX RAYURES, PROCÉDÉS DE PRODUCTION ET UTILISATIONS

Publication

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Application

EP 21765875 A 20210818

Priority

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Abstract (en)

[origin: WO2022043149A1] The present disclosure relates to a scratch-resistant polymer composition that contains an inorganic filler and, optionally, further components, the polymer composition comprising a polymer selected from the group consisting of polyamide, polyester, polycarbonate, acrylonitrile butadiene styrene (ABS) and mixtures thereof. The present disclosure further relates to a method for improving one or more of the following properties: (a) tensile modulus; (b) flexural modulus; (c) tensile strength; (d) flexural strength; of a polymer composition or an article formed from the polymer composition as described herein. The present disclosure further relates to an article of manufacture, comprising the polymer composition according to the present disclosure.

IPC 8 full level

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CPC (source: EP)

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