

Title (en)

COMPOSITIONS BASED ON POLYAMIDES AND GLASS FIBERS AND USE THEREOF IN THE MEDICAL FIELD

Title (de)

ZUSAMMENSETZUNGEN AUF DER BASIS VON POLYAMIDEN UND GLASFASERN UND IHRE VERWENDUNG IM MEDIZINISCHEN BEREICH

Title (fr)

COMPOSITIONS A BASE DE POLYAMIDES ET DE FIBRES DE VERRE ET LEUR UTILISATION DANS LE DOMAINE DU MEDICAL

Publication

EP 4334388 A1 20240313 (FR)

Application

EP 22728264 A 20220429

Priority

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Abstract (en)

[origin: WO2022234223A1] The present invention relates to a molding composition that comprises by weight: (a) 20 to 60 wt.%, especially 20 to 50 wt.%, more especially 25 to 39.9 wt.% of at least one long-chain aliphatic polyamide having a number of carbon atoms per nitrogen atom of greater than or equal to 9, in particular greater than or equal to 10, said at least one polyamide having an inherent viscosity in solution less than or equal to 1.3, in particular less than or equal to 1.25, as determined according to the standard ISO 307: 2007, at a temperature of 20°C; (b) 40 to 75 wt.% of glass fibers, especially from 50 to 75 wt.%, more especially from 60 to 70 wt.% of glass fibers; and (c) 0 to 5 wt.%, preferably 0.1 to 5 wt.% of at least one additive, the sum of the proportions of each constituent of said composition being equal to 100%.

IPC 8 full level

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CPC (source: EP KR US)

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C-Set (source: EP)

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