

Title (en)

COMPOSITE YARN COMPRISING A FILAMENT YARN AND A MATRIX COMPRISING A FOAMED POLYMER

Title (de)

VERBUNDGARN AUS FILAMENTGARN UND MATRIX AUS SCHAUMSTOFF

Title (fr)

FIL COMPOSITE COMPRENANT UN FIL CONTINU ET UNE MATRICE COMPRENANT UN POLYMER MOUSSE

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Application

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Abstract (en)

[origin: US2007048523A1] The invention relates to a composite yarn including a filament yarn of an inorganic or organic material and a matrix of polymer material, the filament yarn being coated, extruded, or incorporated in the polymer material matrix. The matrix includes at least one foamed polymer. A composite yarn is characterized in that it has a core of an above-mentioned composite yarn and is coated, extruded or incorporated in a second polymer material matrix surrounding the core. Various methods may be used for producing the inventive yarns by coating and extrusion.

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