

Title (en)

METAL MATRIX COMPOSITE TAPE

Title (de)

STREIFEN AUS METALL VERBUNDWEKSTOFFEN

Title (fr)

BANDE DE MATERIAU COMPOSITE A MATRICE METALLIQUE

Publication

EP 0938592 A2 19990901 (EN)

Application

EP 97941546 A 19970912

Priority

- US 9716155 W 19970912
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Abstract (en)

[origin: WO9811265A1] A process for preparing a continuous metal matrix composite tape. The process includes the steps of: providing a plurality of continuous metal matrix-coated fibers; providing a consolidating apparatus; providing a nonreactive environment around the consolidating means; advancing the plurality of continuous metal matrix-coated fibers into the alignment means to effect longitudinal alignment of the continuous metal matrix-coated fibers; and advancing the continuous metal matrix-coated fibers through the consolidating means to consolidate the continuous metal matrix-coated fibers into a metal matrix composite tape. The consolidating apparatus includes consolidating means for consolidating the continuous-metal coated fibers into a continuous metal matrix composite tape; means for providing a nonreactive environment around the consolidating means; and alignment means to effect longitudinal alignment of the continuous metal matrix-coated fibers.

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