

Title (en)

METHOD OF MANUFACTURING AN ELONGATE INSERT MADE OF A METAL MATRIX COMPOSITE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES VERLÄNGERTEN EINSATZES AUS EINEM METALLMATRIXVERBUNDSTOFF

Title (fr)

METHODE DE FABRICATION D'UN INSERT DE FORME ALLONGEE EN MATERIAU COMPOSITE A MATRICE METALLIQUE

Publication

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Application

EP 11718434 A 20110330

Priority

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Abstract (en)

[origin: WO2011121232A2] The invention relates to a method of manufacturing an elongate insert intended to be integrated by CIC in a metal container, comprising coated yarns bonded together, said coated yarns being formed from metal-coated ceramic fibres. The method is characterized in that it consists in placing the coated yarns side by side in a bundle and in pulling the fibre bundle through a shaping element so as to compact it transversely while forming it so as to have a defined cross section. The invention also relates to the manufacture of a metal part incorporating a fibrous insert by the CIC technique.

IPC 8 full level

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C-Set (source: EP US)

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