

Title (en)

METHOD FOR PRODUCING ELONGATE PRODUCTS MADE OF TITANIUM

Title (de)

VERFAHREN ZUR HERSTELLUNG AUS TITAN HERGESTELLTER LÄNGLICHER PRODUKTE

Title (fr)

PROCEDE DE FABRICATION DE PRODUITS ALLONGES EN TITANE

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Application

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Abstract (en)

[origin: WO2010125253A1] The invention relates to a method for producing elongate products made of titanium or a titanium alloy, or blanks of such products, that comprises preparing a mass of titanium or titanium alloy material (10), melting said mass using an electric arc in a skull melting process (20), casting one or more ingots having a substantially cylindrical shape and a diameter of less than about 300 mm from the molten mass (30), and extruding one or more of said ingots at a temperature between 800 and 1200°C using an extrusion press (40). The invention can be used in the field of aeronautics, for example.

IPC 8 full level

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