

Title (en)

IMPROVED LOST-WAX CASTING METHOD FOR MANUFACTURING AN ANNULAR BLADED TURBINE ENGINE ASSEMBLY, METAL MOLD, AND WAX PATTERN FOR IMPLEMENTING SUCH A METHOD

Title (de)

VERBESSERTES WACHSAUSSCHMELZVERFAHREN ZUR HERSTELLUNG EINER RINGFÖRMIGEN TURBINENMOTORANORDNUNG MIT SCHAUFELN, METALLFORM UND WACHSSTRUKTUR ZUR IMPLEMENTIERUNG SOLCH EINES VERFAHRENS

Title (fr)

PROCEDE AMELIORE DE FABRICATION D'UN ENSEMBLE ANNULAIRE AUBAGE DE TURBOMACHINE A LA CIRE PERDUE, MOULE METALLIQUE ET MODELE EN CIRE POUR LA MISE EN OEUVRE D'UN TEL PROCEDE

Publication

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Application

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Abstract (en)

[origin: WO2011039315A1] The invention relates to a method for manufacturing a wax pattern (50) for a bladed turbine engine stator assembly (10), including consecutively: placing a core (40) inside a mold, said core intended for forming the impression of a cavity for a blade (18) of said assembly; injecting wax into said mold; and removing the wax pattern (50) provided with said core (40) from the mold, characterized in that said core (40) is made of metal and is positioned such that the radially inner end thereof (46) is housed in the portion (58) of the mold defining the blade (18) comprising said cavity, remote from the radially inner end (52) of said mold portion.

IPC 8 full level

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