

Title (en)

METHOD FOR MANUFACTURING A METAL PART

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES METALLTEILS

Title (fr)

PROCEDE DE FABRICATION D'UNE PIECE METALLIQUE

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Application

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Abstract (en)

[origin: WO2021001633A1] The invention relates to a method for manufacturing a metal part (18) of a turbomachine comprising at least one first metal material and at least one second metal material, the chemical compositions of the first and second materials being different, the method comprising the following steps: a) forming an element of which at least a first metal part is made of the first metal material; b) placing the element in a first mould and pouring wax into the mould to at least partially cover the element, the first mould having a cavity corresponding to at least one portion of an outer surface of the metal part; c) forming an assembly by removing the first mould; d) making a shell mould with a first ceramic around the assembly formed at the end of step c); e) removing the wax from the shell mould and pouring the second metal material inside the shell mould to replace the wax; f) removing any ceramic present in the assembly formed at the end of step e) so as to form a metal part comprising the first metal material and the second metal material.

IPC 8 full level

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