

Title (en)

METHOD FOR MANUFACTURING A TURBINE SHROUD FOR A TURBOMACHINE

Title (de)

VERFAHREN ZUR HERSTELLUNG EINES TURBINENDECKBANDS FÜR EINE TURBOMASCHINE

Title (fr)

PROCEDE DE FABRICATION D'UN ANNEAU DE TURBINE POUR TURBOMACHINE

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Application

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Abstract (en)

[origin: WO2017158264A1] The invention relates to a method for manufacturing a turbine shroud (24) for a turbomachine, involving manufacturing at least one turbine shroud segment (26), placing the turbine shroud segment (26) in a lower mold in such a way that an outer surface of the turbine shroud segment is in at least partial contact with the lower mold, and depositing a layer of powder on an inner surface (28) of the turbine shroud segment (26). An upper mold is then placed on the layer of powder, and an abradable coating (32) is created by spark plasma sintering the layer of powder, the abradable coating (32) being provided to be arranged across from a turbine wheel.

IPC 8 full level

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CPC (source: EP US)

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Citation (search report)

See references of WO 2017158264A1

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