Title (en)

METHOD FOR PRODUCING A BASE PART OF A TURBINE BLADE

Title (de)

VERFAHREN ZUM HERSTELLEN EINES GRUNDKÖRPERS EINER TURBINENSCHAUFEL

Title (fr)

PROCEDE DE FABRICATION D'UN CORPS DE BASE D'UN AUBE DE TURBINE

Publication

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Application

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Abstract (en)

[origin: WO2017114644A1] The invention relates to a method for producing turbine rotor blades or the base bodies (30) thereof, the frequency property of which can be adapted particularly easily to the required boundary conditions. To this end, recesses (50) are introduced into the blade root (32) and/or by reducing a dimension below the corresponding target value if the base body has (30) insufficient vibrational properties. In this way, a method is disclosed in which the vibrational property of the turbine rotor blades can be set in a particularly easy and variable manner. As a result, the reject rate in the production of turbine rotor blades can be reduced.

IPC 8 full level

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