

Title (en)

One-piece calibration method for crankcase tempering, device for implementing the method

Title (de)

Monoblock-Kalibrierungsverfahren zur Härtung eines Gehäuses, Vorrichtung zur Umsetzung dieses Verfahrens

Title (fr)

Procédé de calibrage monobloc pour trempe de carter, dispositif de mise en oeuvre du procédé

Publication

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Application

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Priority

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Abstract (en)

[origin: EP1840230A2] The method involves arranging a cylindrical part (1) of an aeronautic turbomachine case e.g. compressor casing, in a pot heater (5), and heating the cylindrical part to a hot thermal processing temperature. An inner sizing die (8) is installed inside the cylindrical part during its maximum structural recess, where the sizing die has a diameter higher than a diameter of the cylindrical part. The cylindrical part is cooled to a temperature lower than an ambient temperature of a maximum structural recess. The inner sizing die is extracted. An independent claim is also included for a cylindrical part sizing device comprising a model.

IPC 8 full level

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