Title (en)
REPAIR METHOD

Title (de)
PROZESSKAMMER FÜR DIE REPARATUR EINES GASTURBINENBAUTEILS

Title (fr)
PROCÉDÉ DE RÉPARATION

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Application
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Abstract (en)
[origin: WO2010051799A2] The invention relates to a repair method for gas turbine components, particularly for gas turbine blades, comprising at least the following steps: a) providing a gas turbine component to be repaired; b) removing a damaged section from the gas turbine component to be repaired to form a level separating surface; c) arranging the gas turbine component to be repaired in a process chamber at least in regions such that the level separating surface runs approximately horizontally inside the process chamber; d) filling the process chamber with a metal powder compatible for bonding with the material of the gas turbine component to be repaired, specifically up to the level of the separating surface; e) building the removed section on the separating surface by applying the metal powder in layers onto the separating surface and by melting the metal powder applied in layers onto the separating surface to the separating surface.

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