

Abstract:

Method for repairing a gas turbine component (7), which at least at the spot to be repaired consists of a ceramic composite material, wherein an energy beam (1) locally heats the
5 gas turbine component (7) in a zone, and wherein one or more auxiliary materials (13) and optionally fibers (12) and/or particles are fed to this zone, wherein a ceramic is generated in the melting zone (4) through this auxiliary material (13)
10 or these auxiliary materials (13), which together with the fed fibers (12) and/or particles forms a ceramic composite material (6).

(Fig. 1)