

Closure Of Cooling Holes With A Filling Agent

ABSTRACT OF THE DISCLOSURE

A component of a gas turbine engine includes a plurality of first cooling holes extending between an outer surface and an inner surface of the component, the plurality of first cooling holes being filled with a filling agent, the filling agent being cured to solid form to block the flow of cooling fluid through the plurality of first cooling holes; a thermal barrier coating over the outer surface of the component and completely covering the cured filling agent; and

a plurality of second cooling holes penetrating the thermal barrier coating and extending between the outer surface and the inner surface, the plurality of second cooling holes allowing cooling fluid to pass therethrough.

Fig. 4