

METHOD FOR REPAIRING COMPOSITE COMPONENTS AND ASSOCIATED INFILTRATION SYSTEMS AND METHODS

ABSTRACT

A method for repairing composite components includes positioning repair material within a repair region of a composite component formed of a composite material. Furthermore, the method includes heating the repair region to a first temperature. Additionally, the method includes heating a remaining portion of the composite component to a second temperature. Moreover, the method includes melt infiltrating the repair region with an infiltrant to densify the repair material. The first temperature is at or above a melting point of the infiltrant and the second temperature is less than the melting point.

[Figure 7]