

BRAZE REPAIR OF A GAS TURBINE ENGINE STATIONARY SHROUD

ABSTRACT OF THE DISCLOSURE

An undersize repair region of a gas turbine engine stationary shroud (30) is repaired with a sufficient mass of a repair material. The repair material includes a first fraction of a first powder of a first alloy component, and a second fraction of a second powder of a second alloy component. The first alloy component and the second alloy component have different solidus temperatures. The repair material is placed in the repair region. The repair material and the repair region are heated to melt the repair material but not the repair region, and thereafter the repair material and the repair region are cooled to solidify the repair material.

Fig. 3