

METHOD OF REPAIRING SHROUDED TURBINE BLADES WITH CRACKS IN THE VICINITY OF THE OUTER SHROUD NOTCH

ABSTRACT OF THE DISCLOSURE

5 A method of repairing a damaged notch fillet radius of a turbine blade shroud includes a replacement notch fillet radius and a hardface nugget. The damaged notch fillet radius is blended out and a hardface structure positioned proximate the damaged notch fillet radius is removed. A replacement notch fillet radius is formed with weld filler and the hardface nugget is welded to at least a
10 portion of the replacement notch fillet radius.

Figure 2