

METHOD FOR REPAIRING A TURBINE VANE

ABSTRACT OF THE DISCLOSURE

The present invention relates to a method for repairing a vane used in a gas turbine engine. The method broadly comprises the steps of providing a vane to be repaired, which vane has a first platform, a first buttress, a second platform, a second buttress, and an airfoil extending between the first and second platforms, removing the first platform, the first buttress, and the airfoil from the vane in their entirety and removing part of the second platform and the second buttress leaving a machined vane portion, providing a replacement detail having at least a replacement first platform, a replacement first buttress and a replacement airfoil, positioning the replacement detail relative to the machined vane portion, and forming a joint between the machined vane portion and the replacement detail.

Figure 1



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