

TURBINE NOZZLE SEGMENT AND METHOD OF REPAIRING SAME

ABSTRACT

The present invention provides a method of repairing a turbine nozzle segment (10) having one or more vanes (12) disposed between outer and inner bands (14, 16). The method includes separating at least one of the outer and inner bands (14, 16) from the vanes (12). The vanes (12) are cut through in close proximity to the band being replaced. A newly manufactured replacement band (24) including protruding vane stubs (28) is provided for each one of the original bands (14, 16) being replaced. The replacement band (24) is attached to the vanes (12) by welding.

Fig. 4

