SYSTEM AND METHOD FOR CONTOURING EDGES OF AIRFOILS

Abstract of the Disclosure

A tool for contouring an airfoil comprises a main body that includes a locator portion and an upper portion. The locator portion includes an engagement surface and the engagement surface is sized and configured to engage an airfoil. The upper portion includes an edge slot sized and configured for placement of an edge of the airfoil into the slot. An abrasive material is applied to the sides of the edge slot. The upper portion and the locator portion are together sized and shaped so that when the edge of the airfoil is disposed in the edge slot and the engagement surface of the locator portion is simultaneously pressed against the airfoil, engagement of the abrasive material with the edge of the airfoil is effective to contour the edge of the airfoil to a preselected and desired shape.

[Figure 1]