

## SYSTEMS AND METHODS FOR RECONTOURING ENGINE COMPONENTS

### ABSTRACT

Systems and methods that include and/or leverage a cluster of machine-learned models to recontour components of gas turbine engines are provided. In one exemplary aspect, the systems and methods leverage a cluster of machine-learned models to predict repair machining offsets for certain sections of the component that can be used to adjust or set a material removal tool path.

[Figure 1]