

ABSTRACT

HYBRID BEARING FORGED FLANGE

A method of additive manufacturing of a component is provided. The method includes building up the component to have a first uppermost layer and a foundation to have a second uppermost layer below the first uppermost layer, evacuating powder from around the component and the foundation to expose the second uppermost layer, disposing, on the second uppermost layer, a forged flange having an upper surface coplanar with the first uppermost layer, backfilling powder about the component and the forged flange, applying a thin additive manufacturing layer to the upper surface and completing a building up of the component by building up on the thin additive manufacturing layer.

[FIG.1]