

A METHOD OF MANUFACTURING A COMPONENT BY CONSOLIDATING
POWDER MATERIAL

ABSTRACT

A method of manufacturing a blisk comprising a disc
joined to an aerofoil, wherein a union piece of partially
5 sintered powder and having an alignment feature is
provided. The union piece is connected between the disc and
the aerofoil, which is aligned relative to the disc by the
alignment feature of the union piece. Heat and pressure is
subsequently applied to consolidate the first workpiece,
10 union piece and second workpiece.

Fig. 4