

ABSTRACT**Adaptive Repair Method for Aerofoil Blades**

5 This invention concerns an adaptive repair method, for example for aerofoil blade
components. The method generates a digitised model of a physical component
(20) and uses data from the digitised model to align a part (26) of the physical
component with a nominal CAD model (30) of the component. A combination of
the digitised data and data from the nominal CAD model (30) are then used to
10 create an adapted model for repair of the component (20).

(Figure 5)