

SYSTEM AND METHOD FOR EVALUATION OF USED COMPONENTS

ABSTRACT OF THE DISCLOSURE

A method includes receiving three-dimensional (3D) measurement data (162) based on a measurement of a first used component (110) of a particular component type. The method also includes performing a comparison of the 3D measurement data (162) to in-service tolerances
5 (172) associated with the particular component type, the in-service tolerances (172) determined based on a measurement of at least a second used component (110) of the particular component type and an evaluation of structural characteristics of the second used component (110). The method further includes generating, based on the comparison, an output (182) indicating whether the first used component (110) is acceptable for reuse.

[FIG. 2]