

MIM BRAZE PREFORMS

ABSTRACT OF THE DISCLOSURE

A method of making a braze preform 52 includes: providing a mixture of a brazing alloy in metallic powder form and a binder; melting the binder and forming the mixture into a preform 52 having a preselected shape; removing a majority of the binder from the preform 52; and heating the preform 52 to remove the remainder of the binder and to sinter the metallic powder together. The preform 52 may include a wear-resistant material therein. Such preforms 52 may be used to form a braze joint between two metallic components, or to produce a metallic component with a wearcoated surface.

Fig. 4