

ABSTRACT

COATING SYSTEM AND ARTICLES MADE THEREBY

A float bath coating system includes at least one nanoparticle coater located in a float bath. The at least one nano - particle coater includes a housing, a nanoparticle discharge slot, a first combustion slot, and a second combustion slot. The nano - particle discharge slot is connected to a nanoparticle source and a carrier fluid source. The first combustion slot is connected to a fuel source and an oxidizer source. The second combustion slot is connected to a fuel source and an oxidizer source.

Figure 1