

COATING METHODS AND APPARATUS

ABSTRACT

An apparatus deposits a coating on a part. The apparatus comprises a chamber and a sting assembly for carrying the part. The sting assembly is shiftable between: an inserted condition where the sting assembly holds the part within the chamber for coating; and a retracted condition where the sting assembly holds the part outside of the chamber. The apparatus comprises a source of the coating material positioned to communicate the coating material to the part in the inserted condition. The apparatus comprises a thermal hood comprising a first member and a second member. The second member is between the first member and the part when the part is in the inserted condition. The second member is carried by the sting assembly so as to retract with the sting assembly as the sting assembly is retracted from the inserted condition to the retracted condition.

FIG. 2