

COATING SYSTEM AND METHOD

ABSTRACT

A coating system 100 includes a support fixture 132 sized to be partially inserted into one or more openings 126, 128 of a component 106 and a spray nozzle segment device 104 comprising a housing 202 configured to receive a slurry. The device 104 is disposed radially outward of a central axis 110 of the component 106 and is shaped to extend circumferentially about at least part of the central axis 110 of the component 106. The housing 202 comprises plural delivery nozzles 210 configured to spray the slurry onto a surface 114, 116, 502, 504 of the component 106. The device 104 is operably coupled with the support fixture 132 such that the fixture 132 maintains a position of the device 104 within the component 106 when the support fixture 132 is partially inserted into one or more openings 126, 128 of the component 106.

[Figure 1]