

APPARATUS AND METHOD FOR CLEANING AIRFOIL INTERNAL CAVITIES

ABSTRACT OF THE DISCLOSURE

The present invention relates to a method and a device for cleaning internal passageways within a component, such as a component to be used in an engine. The device for cleaning the internal passageway includes a first probe having a longitudinal axis and at least one nozzle oriented at an angle, preferably perpendicular, to the longitudinal axis. In a preferred embodiment, the first probe has two nozzles, both oriented perpendicular to the longitudinal axis, and offset 180 degrees from each other. The device further includes a second probe having a longitudinal axis and a nozzle in a tip end, which nozzle is oriented along the longitudinal axis. Preferably, the first and second probes are connected to a common manifold.

Figure 2