ABSTRACT

COOLING DEVICE FOR ROTOR ASSEMBLY

A cooling device for a rotor assembly of a gas turbine engine includes an airflow nozzle configured to be installed at a cooling location of the rotor assembly. The airflow nozzle extends entirely around a circumference of the rotor assembly and includes a plurality of airflow inlets and a nozzle outlet to direct an airflow toward the cooling location. An airflow source is operably connected to the plurality of airflow inlets.

[Figure 4A]