

DIRT SEPARATOR FOR GAS TURBINE AIR SUPPLY

ABSTRACT OF THE DISCLOSURE

A gas turbine engine is provided with a radially outer cooling air flow. A dirt separator is placed in the path of the radially outer cooling air flow, and includes a radially outer leg that defines a space to capture dirt or other impurities. A radially inner leg of the dirt separator includes open air flow passages to allow air to flow
5 through the inner leg and downstream to cool various components within the gas turbine engine.

Figure 2