# A ROTOR DUCT FOR AN AIRCRAFT, A METHOD FOR CONTROLLING AN AIRFLOW INTO A ROTOR DUCT, AND A KIT OF PARTS FOR CONTROLLING AN AIRFLOW INTO A ROTOR DUCT

## ABSTRACT

A rotor duct for an aircraft, a method for controlling an airflow into a rotor duct, and a kit of parts for controlling an airflow into a rotor duct. The rotor duct comprises a substantially cylindrical duct wall for circumferentially enclosing the rotor; and an airfoil structure disposed at a leading edge of the duct wall such that a pressure surface of the airfoil structure extends radially outwardly from the duct wall.

FIG. 3