

Title (en)

System and Method for Controlling Flow through a Rotor

Title (de)

System und Verfahren zur Steuerung der Strömung durch einen Rotor

Title (fr)

Système et procédé permettant de réguler l'écoulement à travers un rotor

Publication

EP 2581562 A2 20130417 (EN)

Application

EP 12187840 A 20121009

Priority

US 201113271698 A 20111012

Abstract (en)

One embodiment of the present invention is a system for controlling flow through a rotor (10). The system includes an inlet port (24) in the rotor (10) and an outlet port (26) in the rotor (10). The outlet port (26) is in fluid communication with the inlet port (24). A fixed orifice (40) is disposed in at least one of the inlet or outlet ports (24,26). A variable orifice (28) is disposed in at least one of the inlet (24) or outlet ports (26) in a separate location from the fixed orifice (40).

IPC 8 full level

F01D 19/02 (2006.01); **F01D 5/08** (2006.01); **F01D 25/10** (2006.01)

CPC (source: EP US)

F01D 5/08 (2013.01 - EP US); **F01D 19/02** (2013.01 - EP US); **F01D 25/10** (2013.01 - EP US)

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2581562 A2 20130417; CN 103046966 A 20130417; US 2013094958 A1 20130418

DOCDB simple family (application)

EP 12187840 A 20121009; CN 201210385340 A 20121012; US 201113271698 A 20111012