

Title (en)  
Gas turbine engine airfoil comprising a conduction pedestal

Title (de)  
Gasturbinenschaufel mit einem Leitungssockel

Title (fr)  
Aube de turbine à gaz comprenant un socle de conduction

Publication  
**EP 2434096 A2 20120328 (EN)**

Application  
**EP 11182897 A 20110927**

Priority  
US 89205610 A 20100928

Abstract (en)  
An airfoil (32) for a gas turbine engine includes an airfoil which defines a leading edge cavity (56) and a forward cavity (34A) between a pressure side wall (40P) and a suction side wall (40S). The leading edge cavity (56) is at least partially defined by a leading edge wall (40L) which extends between the pressure side wall (40P) and the suction side wall (40S). A rib (54) between the pressure side wall (40P) and the suction side wall (40S) separates the forward cavity (34A) and the leading edge cavity (56). A pedestal (60) extends between the leading edge wall (40L) and the rib (54).

IPC 8 full level  
**F01D 5/18** (2006.01)

CPC (source: EP US)  
**F01D 5/187** (2013.01 - EP US); **F05D 2240/121** (2013.01 - EP US); **F05D 2260/201** (2013.01 - EP US); **F05D 2260/202** (2013.01 - EP US); **F05D 2260/221** (2013.01 - EP US); **F05D 2260/2214** (2013.01 - EP US)

Cited by  
WO2018153796A1; EP3594448B1

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Designated extension state (EPC)  
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DOCDB simple family (publication)  
**EP 2434096 A2 20120328; EP 2434096 A3 20150429; EP 2434096 B1 20160803; US 2012076660 A1 20120329**

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