

Title (en)  
MANUFACTURING PROCESS FOR A TURBINE STATOR BLADE AND ITS PIVOT

Publication  
**EP 0204615 B1 19890315 (FR)**

Application  
**EP 86401125 A 19860528**

Priority  
FR 8508015 A 19850529

Abstract (en)  
[origin: US4706354A] A method of manufacturing a variable incidence stator blade assembly comprising forming a blade with a root which forms an extension of the aerodynamic profile of the blade, forming a bush with a recess accommodating the root by ultrasonic, electro-chemical or electro-erosion machining and assembling the blade and bush in a turbo-machine outer casing and in an inner ring of channel section. A variable incidence stator blade assembled in a compressor of a gas turbine is also described, the blade assembly being as manufactured by the method. The channel section inner ring carried an abradable layer which co-operates to form a seal with annular lips carried by the compressor rotor drum.

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**F01D 17/16**

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Cited by  
EP0432885A1; FR3014152A1; GB2289726A; GB2289726B; FR2995934A1; EP2816198A1; DE102013211629A1; FR3108369A1; US9617861B2; US10280941B2; WO2015079144A1

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