

Title (en)  
METHOD FOR MANUFACTURING A METAL INTERMEDIATE LAYER

Publication  
**EP 0072909 B1 19861126 (DE)**

Application  
**EP 82106244 A 19820713**

Priority  
DE 3133158 A 19810821

Abstract (en)  
[origin: US4471008A] A metal intermediate layer between two generally parallel thrust surfaces. At least one of the thrust surfaces is ceramic, and the surfaces are oblique to the direction of force tending to press the surfaces toward each other. The intermediate layer is formed by applying a metal powder suspension to at least one of the surfaces, and thereafter drying and if necessary heating the suspension to remove the non-metallic portion of the suspension. The surfaces may be faces of the blade root and slot, which accommodates the root, of a turbomachine.

IPC 1-7  
**F01D 5/30**; C04B 37/00; B32B 15/01; B22F 7/06

IPC 8 full level  
**B22F 7/06** (2006.01); **B32B 15/01** (2006.01); **C04B 37/00** (2006.01); **F01D 5/30** (2006.01)

CPC (source: EP US)  
**B22F 7/064** (2013.01 - EP US); **F01D 5/3084** (2013.01 - EP US); **F01D 5/3092** (2013.01 - EP US); **B22F 2998/00** (2013.01 - EP US)

Cited by  
FR2639398A1

Designated contracting state (EPC)  
DE FR GB IT NL SE

DOCDB simple family (publication)  
**DE 3133158 C1 19821216**; DE 3274478 D1 19870115; EP 0072909 A2 19830302; EP 0072909 A3 19830615; EP 0072909 B1 19861126; US 4471008 A 19840911

DOCDB simple family (application)  
**DE 3133158 A 19810821**; DE 3274478 T 19820713; EP 82106244 A 19820713; US 40401382 A 19820802