

Title (en)  
Shim for a turbine engine blade

Title (de)  
Zwischenstück für eine Schaufel eines Turbinentriebwerks

Title (fr)  
Clinquant pour aube de turboréacteur

Publication  
**EP 1764480 A1 20070321 (FR)**

Application  
**EP 06120645 A 20060914**

Priority  
FR 0509420 A 20050915

Abstract (en)  
The liner (20) for the root of a turbine blade (14), having two branches (21A, 21B) that cover the side of the root (16) and lugs (22) that fold over its edges, has the lugs joined by a connecting piece (24) to prevent them from unfolding and allowing the edges of the liner to move apart. The connecting piece can be in the form of a slideway that receives the ends of the two lugs, or a supple plate with at least one section that can be curved or folded.

IPC 8 full level  
**F01D 5/30** (2006.01); **F04D 29/32** (2006.01)

CPC (source: EP US)  
**F01D 5/3092** (2013.01 - EP US); **F04D 29/322** (2013.01 - EP US)

Citation (search report)

- [A] FR 1281033 A 19620108 - DAIMLER BENZ AG
- [A] US 2971743 A 19610214 - WELSH HARVEY W
- [A] US 4102602 A 19780725 - ROTTENKOLBER PAUL
- [A] US 4980241 A 19901225 - HOFFMUELLER WILHELM [DE], et al
- [A] GB 1355554 A 19740605 - GEN ELECTRIC

Cited by  
EP2014873A1; FR2918702A1; FR2959527A1; FR2951494A1; EP2077376A3; RU2469193C2; EP2042689A1; FR2921409A1; FR3014477A1; CN105814281A; RU2660985C1; US8535011B2; WO2012072903A1; FR3124824A1; FR3127986A1; US9500091B2; WO2015082808A1; EP2766576B1; US10858946B2; FR3120911A1; FR3124218A1; WO2023099856A1; FR3129976A1; FR3124823A1; WO2023275456A1

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