

Title (en)  
COMPRESSOR BLADE TIP SEAL

Publication  
**EP 0194957 B1 19900131 (EN)**

Application  
**EP 86630032 A 19860306**

Priority  
US 71027085 A 19850311

Abstract (en)  
[origin: EP0194957A2] The trench inner wall surrounding the tips (28) of axial flow fan/compressor blades (26) in a turbine type power plant is angularly disposed relative to the gas path wall (20) to allow deeper penetration into the trench and minimize leakage around the tips (28). Gap closure between the inner wall (37) of the trench and tip (28) is contemplated by the contour of the blade/trench.

IPC 1-7  
**F01D 5/20; F01D 11/08**

IPC 8 full level  
**F01D 5/20** (2006.01); **F01D 11/08** (2006.01)

CPC (source: EP)  
**F01D 5/20** (2013.01); **F01D 11/08** (2013.01); **F04D 29/164** (2013.01)

Cited by  
EP1840332A1; EP0536575A1; DE19738671A1; DE19738671B4; EP0528138A1; US5238364A; US10550699B2; WO2014189564A3

Designated contracting state (EPC)  
DE FR GB SE

DOCDB simple family (publication)  
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**EP 86630032 A 19860306**; DE 3668661 T 19860306; DE 86630032 T 19860306; JP 4717786 A 19860304