

Title (en)  
Friction Damper

Title (de)  
Reibungsdämpfer

Title (fr)  
Amortisseur à friction

Publication  
**EP 0918139 A2 19990526 (EN)**

Application  
**EP 98309280 A 19981112**

Priority  
GB 9724731 A 19971125

Abstract (en)  
A blade to blade vibration damper 30,34 for a gas turbine engine includes a first friction surface 28 for contacting a first face 22 associated with a blade of the gas turbine and a second friction surface 28 for contacting a second face 22 associated with an adjacent blade of the gas turbine. The damper is formed in at least two parts such that the first friction surface can move relative to the second friction surface. Relative radial movement of the two friction surfaces can take place thereby allowing the friction damper to respond to relative radial movement of adjacent turbine blades, while maintaining the first and second friction surfaces in contact with the first and second faces respectively. <IMAGE>

IPC 1-7  
**F01D 5/22**

IPC 8 full level  
**F01D 5/26** (2006.01)

CPC (source: EP)  
**F01D 5/26** (2013.01)

Citation (applicant)  
• US 5478207 A 19951226 - STEC PHILIP F [US]  
• EP 0509838 A1 19921021 - GEN ELECTRIC [US]

Cited by  
JP2004257391A; EP1154125A3; EP1249576A3; EP1925781A1; CN101542073A; EP1452694A3; CN113803115A; EP1818506A1; WO2008061856A1; US10851661B2; JP2010510436A; US8167563B2

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