

Title (en)  
DAMPING VIBRATIONS IN A GAS TURBINE

Title (de)  
SCHWINGUNGSDÄMPFUNG IN EINER GASTURBINE

Title (fr)  
AMORTISSEMENT DES VIBRATIONS DANS UNE TURBINE À GAZ

Publication  
**EP 3222811 A1 20170927 (EN)**

Application  
**EP 16162147 A 20160324**

Priority  
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Abstract (en)  
It is described an arrangement (60) for damping vibrations in a gas turbine (10), comprising: a rotor shaft (22) arranged for rotating; a first rotor component (62) connected to the rotor shaft (22); a second rotor component (64) connected to the rotor shaft (22); a damping structure (66) fixed at the first rotor component (62) or floated between the first and the second rotor component and having a contact surface (68) arranged to press against a contact surface (70) of the second rotor component (64) to damp a vibration of the second rotor component. Furthermore the invention is also directed to a method for damping.

IPC 8 full level  
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Citation (applicant)  
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• US 5733103 A 19980331 - WALLACE THOMAS R [US], et al  
• US 6375428 B1 20020423 - STANGELAND MAYNARD L [US], et al

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• [X] EP 1584785 A1 20051012 - SNECMA [FR]  
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