

Title (en)

Attenuation and sealing system for turbine blades

Title (de)

Dämpfungs- und Dichtungssystem für Turbinenschaufeln

Title (fr)

Système d'amortissement et d'étanchéité pour aubes de turbines

Publication

EP 1898050 B1 20110907 (DE)

Application

EP 07112566 A 20070716

Priority

DE 102006041322 A 20060901

Abstract (en)

[origin: EP1898050A2] The system has a sealing and damping element (9) forming a linear 3-sided prism with equal sized lateral surfaces held under centrifugal force between opposing surfaces of adjacent platforms (6a,6b) of gas turbine engine blades attached to a rotor. The lateral surfaces of the sealing and damping element form convex curved friction surfaces (14) to achieve a slight pivotal motion and increase the frictional effect.

IPC 8 full level

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CPC (source: EP US)

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Cited by

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