

Title (en)

Turbo machine having a device for suppression of vibrations

Title (de)

Turbomaschine mit einer Vorrichtung zur Unterdrückung von Schwingungen

Title (fr)

Turbomachine comportant un dispositif de suppression des vibrations

Publication

EP 1134361 B1 20060531 (FR)

Application

EP 01400573 A 20010306

Priority

FR 0003490 A 20000317

Abstract (en)

[origin: EP1134361A1] The turbine, having a symmetrical wall surrounding its blades (6) with apertures (13) linked to an outer cavity (11), incorporates a symmetry breaker in the cavity to prevent acoustic resonance at certain turbine speeds. The symmetry breaker is in the form of a section of tube (15) fitted with a pre-stressed locking force inside the cavity, or a part of the cavity's outer wall with a convex surface projecting into the cavity.

IPC 8 full level

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CPC (source: EP US)

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