

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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