

Title (en)

Bushing for pivoting the variable vanes of a turbomachine

Title (de)

Buchse zum Drehen der verstellbaren Leitschaufeln einer Turbomaschine.

Title (fr)

Douille pour pivot d'aube à angle de calage variable pour turbomachine

Publication

EP 1748158 B1 20170301 (FR)

Application

EP 06117010 A 20060712

Priority

FR 0508000 A 20050727

Abstract (en)

[origin: EP1748158A1] The bushing (200) has a tubular body (202) having a longitudinal axis (Z-Z), and four branches (206) extending radially outwards with respect to the longitudinal axis of the body and axially over the full height of the body. The branches are distributed around the circumference of the tubular body in an equidistant manner, where each branch has a rectangular transversal section. Each branch has walls applied against the walls of a recess, where each wall has an indentation turned toward the inside of one of the branches. Another bushing is interposed between a guide pivot and the bushing (200). Independent claims are also included for the following: (1) a turbomachine ring including a set of recesses each for receiving a guide pivot of a variable-pitch vane (2) a turbomachine compressor including a ring (3) a turbomachine including a ring.

IPC 8 full level

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CPC (source: EP US)

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