

Title (en)

Axial positioning control of a compressor blade

Title (de)

Kontrolle der axialen Lage einer Verdichterschaufel

Title (fr)

Maîtrise de la position axiale d'une aube de soufflante

Publication

**EP 1400698 B1 20080903 (FR)**

Application

**EP 03292280 A 20030916**

Priority

FR 0211539 A 20020918

Abstract (en)

[origin: EP1400698A1] The fan rotor, comprising a disc (2) with equally-spaced axial grooves in its rim for blade roots (4) fitted between front (12) and rear disc flanges. The front disc, which is detachable, has an elastic element (17) for each blade (3) in the form of an elastomer peg fitted in a hole in the flange and pressing against the end (8) of a blade root retaining wedge (6).

IPC 8 full level

**F01D 5/30** (2006.01); **F04D 29/00** (2006.01); **F04D 29/32** (2006.01); **F04D 29/34** (2006.01)

CPC (source: EP US)

**F01D 5/3007** (2013.01 - EP US); **F01D 5/323** (2013.01 - EP US); **F04D 29/322** (2013.01 - EP US); **F05D 2230/64** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US); **F05D 2300/43** (2013.01 - EP US)

Cited by

FR2931871A1; FR2948725A1; FR3048448A1; FR2903154A1; EP1873401A3; FR2929660A1; FR2964584A1; FR3119646A1; US8985961B2; US8573944B2; US8740568B2; US8113785B2; WO2009144401A1; WO2009124949A1; FR3120813A1; WO2022195207A1

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**EP 1400698 A1 20040324**; **EP 1400698 B1 20080903**; CA 2440995 A1 20040318; CA 2440995 C 20110208; DE 60323309 D1 20081016; ES 2314167 T3 20090316; FR 2844562 A1 20040319; FR 2844562 B1 20041029; JP 2004263688 A 20040924; JP 4059827 B2 20080312; RU 2003128928 A 20050320; RU 2315206 C2 20080120; UA 79088 C2 20070525; US 2004126240 A1 20040701; US 6910866 B2 20050628

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