

Title (en)
Centrifugal compressor

Title (de)
Radialverdichter

Title (fr)
Compresseur centrifuge

Publication
EP 1233190 B1 20100602 (DE)

Application
EP 02003087 A 20020213

Priority
DE 10107807 A 20010220

Abstract (en)
[origin: DE10107807C1] The flow machine has an inner cylinder (15) in its spiral casing (10). There is a cavity (16) between this cylinder and the casing insertion piece (12). The securing of the insert piece is flexible in the axial direction (A) and not so resistant to break-up as the rigid fixing (18) of the compressor casing (8) on the bearing housing (1).

IPC 8 full level
F04D 29/44 (2006.01); **F04D 1/00** (2006.01); **F04D 21/00** (2006.01); **F04D 29/28** (2006.01); **F04D 29/42** (2006.01); **F04D 29/62** (2006.01)

CPC (source: EP KR US)
F01D 9/026 (2013.01 - EP US); **F01D 25/24** (2013.01 - EP US); **F04D 1/00** (2013.01 - KR); **F04D 29/4206** (2013.01 - EP US);
F04D 29/624 (2013.01 - EP US); **F05B 2250/15** (2013.01 - EP US); **F05B 2250/25** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US)

Cited by
DE102004028133C5; DE102008056512B4; CN105065328A; DE102004044703A1; DE102005039820A1; DE102005039820B4;
DE102018102704A1; GB2414769A; FR2871201A1; DE102004027594A1; DE102004027594B4; GB2414769B; US8932008B2;
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Designated contracting state (EPC)
CH DE FR GB LI

DOCDB simple family (publication)
DE 10107807 C1 20020725; CN 1267648 C 20060802; CN 1372082 A 20021002; DE 50214459 D1 20100715; EP 1233190 A1 20020821;
EP 1233190 B1 20100602; JP 2002257092 A 20020911; JP 4119654 B2 20080716; KR 100794974 B1 20080115; KR 20020068271 A 20020827;
US 2002114693 A1 20020822; US 6638007 B2 20031028

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DE 10107807 A 20010220; CN 02104685 A 20020220; DE 50214459 T 20020213; EP 02003087 A 20020213; JP 2002037633 A 20020215;
KR 20020008406 A 20020218; US 7258502 A 20020206