

Title (en)

A wobble plate arrangement for a compressor

Title (de)

Eine Taumelscheibenanordnung für einen Verdichter

Title (fr)

Agencement de plateau oscillant pour un compresseur

Publication

EP 1281864 A1 20030205 (EN)

Application

EP 01118917 A 20010803

Priority

- EP 01118917 A 20010803
- US 21251202 A 20020805

Abstract (en)

A wobble plate arrangement (1) for a swash plate compressor comprises a swash plate (4) on which a wobble plate (5) is rotatably mounted. At least one antifriction bearing (7) is located between the swash plate (4) and the wobble plate (5), the swash plate (4) and the wobble plate (5) having been joined to one another during assembly of the bearing to form an integrated bearing unit from which the bearing (7) cannot be separately detached. Advantageously, the bearing (7) comprises two races (20, 22: 26, 22) between which is located a plurality of rolling bearings (23) and at least one (22:26)) of the two races of the bearing (7) is integrally formed with either the swash plate (4) or the wobble plate (5), preferably with the wobble plate (5). <IMAGE>

IPC 1-7

F04B 27/10

IPC 8 full level

F04B 27/10 (2006.01)

CPC (source: EP US)

F04B 27/1063 (2013.01 - EP US)

Citation (applicant)

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DE FR

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