

Title (en)

A compressor drive arrangement and a method of adjusting driving characteristics of such an arrangement.

Title (de)

Antriebseinrichtung für einen Verdichter und Verfahren zum Einstellen der Antriebseigenschaften einer solchen Einrichtung.

Title (fr)

Dispositif pour l'entraînement d'un compresseur et méthode pour ajuster les caractéristiques d'entraînement d'un tel dispositif.

Publication

EP 0096666 A1 19831221 (EN)

Application

EP 83850131 A 19830517

Priority

- SE 8203503 A 19820607
- SE 8203504 A 19820607

Abstract (en)

One or more compressor stages (4) are mounted in fixed positions on a gear box (3). A driving gear wheel (15) connected to a drive motor (1) and cooperating with a driven gear wheel (17) on the compressor stage is journaled in bearings (12, 13) mounted in mounting plates (9, 10). The mounting plates (9,10) are mounted on the gear box (3). The mounting positions of the bearings (12, 13) are adapted to the chosen gear ratio. By exchanging the driving gear wheel (15) and/or the driven gear wheel (17) and journaled the driving gear wheel (15) in new mounting plates (9, 10) the speed of each compressor can be changed. Possible misalignment between the gear wheels (15, 17) can be decreased by moving one of the mounting plates (9, 10) relative to the gear box (3).

IPC 1-7

F04B 35/00; **F04C 29/00**

IPC 8 full level

F01C 17/02 (2006.01); **F04B 35/00** (2006.01); **F04C 29/00** (2006.01)

CPC (source: EP)

F01C 17/02 (2013.01); **F04B 35/00** (2013.01); **F04C 29/005** (2013.01)

Citation (search report)

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EP0404424A1; GB2475082A; EP2634366A3

Designated contracting state (EPC)

BE DE FR GB IT

DOCDB simple family (publication)

EP 0096666 A1 19831221; CA 1210616 A 19860902; SE 454202 B 19880411; SE 8205158 D0 19820910; SE 8205158 L 19831208

DOCDB simple family (application)

EP 83850131 A 19830517; CA 429786 A 19830606; SE 8205158 A 19820910