

Title (en)
Transmission and centrifugal compressor.

Title (de)
Getriebe-Turboverdichter.

Title (fr)
Transmission et compresseur centrifuge.

Publication
EP 0440902 B1 19940622 (DE)

Application
EP 90122707 A 19901128

Priority
DE 4003482 A 19900206

Abstract (en)
[origin: EP0440902A1] A multi-stage geared turbine compressor is provided with a two-stage transmission with an intermediate gear (5), which has a first and a second gear (51,52), which form one unit. The first gear (51) has a larger tooth module than the second gear (52) and engages solely with the central drive gear (2) driving the pinion shafts (3,4) to the first compressor stages. The second gear (52) engages only with the pinion shafts (6,7,8) of the other compressor stages. <IMAGE>

IPC 1-7
F04D 25/16; **F04D 25/02**

IPC 8 full level
F04D 17/12 (2006.01); **F04D 25/02** (2006.01); **F04D 25/16** (2006.01); **F04D 29/00** (2006.01); **F04D 29/053** (2006.01)

CPC (source: EP US)
F04D 25/02 (2013.01 - EP US); **F04D 25/163** (2013.01 - EP US); **Y10T 74/19084** (2015.01 - EP US); **Y10T 74/19972** (2015.01 - EP US)

Cited by
WO0112994A1; US7559200B2; US5382132A; EP0653566A1; EP1193457A1; EP1067291A1; DE19938492A1; EP0770782A1; US6050780A; CN107906026A; DE102005002702A1; GB2321502A; GB2321502B; EP0945400A3; US9714658B2; US9631623B2; WO2012104153A1; DE102013208564A1; US10100837B2; EP1691081A2; EP2740941A1

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DOCDB simple family (application)
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