

Title (en)

TURBO COMPRESSOR WITH INTEGRATED FLOW CHANNELS

Title (de)

TURBOVERDICHTER MIT INTEGRIERTEN STRÖMUNGSKANÄLEN

Title (fr)

TURBOCOMPRESSEUR POURVU DE CANAUX D'ÉCOULEMENT INTÉGRÉS

Publication

**EP 3577346 B1 20240214 (DE)**

Application

**EP 18729652 A 20180605**

Priority

- DE 102017114233 A 20170627
- EP 2018064773 W 20180605

Abstract (en)

[origin: CN207212697U] The utility model relates to a have turbine compressor reducer (1) of compressor reducer shell (2), be provided with at least one first compressor reducer level (13) and second compressor reducer level (14) in this turbine compressor reducer, wherein make active wheel (5, 6) to arrange on transmission shaft (12) in the first and second compressor reducer levels (13, 14), and flow at each compressor reducer of production in service active wheel (5, 6), wherein it arrives to be provided with a plurality of integration in compressor reducer shell (2) making in compressor reducer shell (2) flow path (4) that the first and second compressor reducer levels (13, 14) are flowed and are connected, arrange flow path uniform distribution in week of compressor reducer shell (2) the portion. The utility model provides a turbine compressor reducer structure is compact, and this turbine compressor reducer has less loss of pressure.

IPC 8 full level

**F04D 17/12** (2006.01); **F04D 25/16** (2006.01); **F04D 29/42** (2006.01); **F04D 29/44** (2006.01)

CPC (source: EP)

**F04D 17/122** (2013.01); **F04D 25/16** (2013.01); **F04D 29/4206** (2013.01); **F04D 29/441** (2013.01)

Citation (examination)

CN 106762841 A 20170531 - GREE ELECTRIC APPLIANCES INC ZHUHAI

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**DE 102017114233 A1 20181227**; CN 207212697 U 20180410; EP 3577346 A1 20191211; EP 3577346 B1 20240214; WO 2019001911 A1 20190103

DOCDB simple family (application)

**DE 102017114233 A 20170627**; CN 201721163527 U 20170912; EP 18729652 A 20180605; EP 2018064773 W 20180605