

Title (en)  
Multistage turbocompressor

Title (de)  
Mehrstufiger Turbokompressor

Title (fr)  
Turbocompresseur multietage

Publication  
**EP 1691081 B1 20100303 (DE)**

Application  
**EP 06000600 A 20060112**

Priority  
DE 102005002702 A 20050119

Abstract (en)  
[origin: EP1691081A2] The turbocompressor has a geared compressor (2) with an integrated gear including a central greater wheel (9). The gear has a set of pinions that meshes with the greater wheel, where each pinion is mounted in a manner to rotate in unison with a respective pinion shaft. A set of bladed wheels respectively of one of a set of compressor stages, and a base frame on which individual units are assembled by a common central plane.

IPC 8 full level  
**F04D 25/16** (2006.01)

CPC (source: EP US)  
**F04D 25/163** (2013.01 - EP US)

Cited by  
DE102012217441A1; DE102013210497A1; DE102012018468A1; DE102012022131A1; WO2014195390A1; WO2014180688A1; EP2711503A3; EP2128448A3; US9714658B2; DE102013208564A1; US10100837B2; EP2711503A2; US9752672B2; DE102012018468B4; DE102015222907A1; US10465769B2; EP2128448A2; DE102008031116A1; DE202015006125U1; DE102015225923A1; DE102008031116B4; EP2740941A1; EP2902737A2

Designated contracting state (EPC)  
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DOCDB simple family (publication)  
**EP 1691081 A2 20060816; EP 1691081 A3 20080514; EP 1691081 B1 20100303; EP 1691081 B2 20141119;** AT E459806 T1 20100315; CN 100516543 C 20090722; CN 1811194 A 20060802; DE 102005002702 A1 20060727; DE 502006006297 D1 20100415; JP 2006200531 A 20060803; JP 5055538 B2 20121024; US 2006156728 A1 20060720; US 7559200 B2 20090714

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**EP 06000600 A 20060112;** AT 06000600 T 20060112; CN 200610004299 A 20060118; DE 102005002702 A 20050119; DE 502006006297 T 20060112; JP 2006008047 A 20060116; US 33364906 A 20060117