

Title (en)

Variable geometry turbocharger unison ring

Title (de)

Verstellring zum Verstellen der Schaufeln des VTG-Leitapparates von Abgasturboladern

Title (fr)

Anneau de commande d'un turbocompresseur à géométrie variable

Publication

**EP 1722073 B1 20130123 (DE)**

Application

**EP 05010523 A 20050513**

Priority

EP 05010523 A 20050513

Abstract (en)

[origin: EP1722073A1] An adjusting ring (1) has a bearing ring (2) and a lever engagement ring (3) connected to the said bearing ring. The bearing ring and lever engagement ring being separately manufactured individual parts which are connected to each other by means of a separate connection device (4). An independent claim is also included for the method for production of adjusting ring.

IPC 8 full level

**F01D 17/16** (2006.01)

CPC (source: EP KR US)

**F01D 17/16** (2013.01 - KR); **F01D 17/165** (2013.01 - EP US); **F02B 37/22** (2013.01 - KR); **F05D 2220/40** (2013.01 - EP US); **F05D 2230/22** (2013.01 - EP US); **F05D 2230/232** (2013.01 - EP US); **F05D 2230/60** (2013.01 - EP US); **Y10T 29/4932** (2015.01 - EP US); **Y10T 29/49323** (2015.01 - EP US)

Cited by

EP2226474A3; CN101978137A; EP2154349A4; GB2527297A; GB2527297B; US9970313B2; WO2009115437A3; EP2226474A2; US8747058B2

Designated contracting state (EPC)

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DOCDB simple family (publication)

**EP 1722073 A1 20061115; EP 1722073 B1 20130123**; CN 101175897 A 20080507; JP 2008540907 A 20081120; KR 20080005923 A 20080115; US 2009142185 A1 20090604; US 8459938 B2 20130611; WO 2006122596 A1 20061123

DOCDB simple family (application)

**EP 05010523 A 20050513**; CN 200680016571 A 20060310; EP 2006002233 W 20060310; JP 2008510423 A 20060310; KR 20077023545 A 20071012; US 91389606 A 20060310