

Title (en)

Variable geometry vanes array for a turbocharger

Title (de)

Leitgitter variabler Geometrie

Title (fr)

Ensemble stator pour turbocompresseur à géométrie variable

Publication

**EP 1418311 B1 20070117 (DE)**

Application

**EP 02025181 A 20021111**

Priority

EP 02025181 A 20021111

Abstract (en)

[origin: EP1418311A1] A control grid has a blade bearing ring (BBR), on which multiple control blades (CB) (7) adjustable on their swivel shafts (8) each run on bearings around a turbine rotor in a limited blade area on an associated shaft. An adjusting ring (5) swivels on a central axle (R) in relation to the BBR and adjusts the CB via connecting linkage (17,19).

IPC 8 full level

**F01D 17/16** (2006.01)

CPC (source: EP US)

**F01D 17/165** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US)

Cited by

CN104220720A; CN108278132A; DE102008053170A1; CN103492688A; EP2733328A4; US10927702B1; US9284951B2

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DE FR GB IT NL SE

DOCDB simple family (publication)

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**EP 02025181 A 20021111**; DE 50209301 T 20021111; US 70618003 A 20031112