

Title (en)

DISTRIBUTOR FOR AN EXHAUST GAS TURBINE

Title (de)

LEITAPPARAT FÜR EINE ABGASTURBINE

Title (fr)

DISTRIBUTEUR POUR UNE TURBINE A GAZ D'ECHAPPEMENT

Publication

EP 1642009 B1 20061018 (DE)

Application

EP 04731148 A 20040505

Priority

- EP 2004004758 W 20040505
- DE 10325985 A 20030607

Abstract (en)

[origin: WO2004109063A1] The invention relates to a distributor for an exhaust gas turbine of a turbocharger. Said distributor comprises a bearing ring and a contoured sleeve that are spaced apart by spacer elements and between which adjustable guide blades are rotatably mounted. The contoured sleeve is inserted together with a radial seal in a spiral housing so as to be axially slidable and defines a lateral outer contour of a bladed wheel so as to have play. The bearing ring (22) is centered relative to a housing (27) of the exhaust gas turbine (10) and received by an annular, flexible support element (23). The invention is characterized in that the support element is produced in a non-cutting and/or cutting manner as a structural component having a constant wall thickness.

IPC 8 full level

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CPC (source: EP US)

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

Cited by

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