

Title (en)
DISTRIBUTOR FOR AN EXHAUST GAS TURBINE

Title (de)
LEITAPPARAT FÜR EINE ABGASTURBINE

Title (fr)
DISTRIBUTEUR POUR UNE TURBINE A GAZ D'ECHAPPEMENT

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Application
EP 04731148 A 20040505

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• 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.

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

Citation (search report)
See references of WO 2004109063A1

Cited by
DE102012110329A1; DE102013106063A1; DE102012109549A1; DE102018115448A1; DE102013106063A8; US11346249B2; US11220957B2; DE102008053079A1; US7918023B2; DE102007040679A1; WO2014067628A1; US8333556B2; US7980816B2; US11391179B2; WO2014056574A1; DE102012109549B4

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