

Title (en)
DISTRIBUTOR FOR AN EXHAUST GAS TURBINE WITH AN AXIAL FLOW

Title (de)
LEITAPPARAT FÜR EINE AXIAL DURCHSTRÖMTE ABGASTURBINE

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

Publication
EP 1264079 A1 20021211 (DE)

Application
EP 01907304 A 20010306

Priority
• CH 0100139 W 20010306
• DE 10013335 A 20000317

Abstract (en)
[origin: DE10013335A1] The conducting apparatus is for the position alteration of conducting blades (6) in a turbocharger exhaust gas turbine flowed through axially. The blades are arranged axially symmetrically to the turbine axis (1) in an exhaust gas flow channel (14) and can be pivoted by a pivot device around a radially fitted axis (8). To each blade is fitted a shaft (18) which extends through a housing wall radially outwards from the flow channel. This shaft with its outwardly extending part is rotatably located around a pivot axis (8). The pivot device contains a positioning ring (19) rotatable around the turbine axis and positioning levers (20) transmit torque from the positioning ring to the shaft of each blade.
[origin: DE10013335A1] The conducting apparatus is for the position alteration of conducting blades (6) in a turbocharger exhaust gas turbine flowed through axially. The blades are arranged axially symmetrically to the turbine axis (1) in an exhaust gas flow channel (14) and can be pivoted by a pivot device around a radially fitted axis (8). To each blade is fitted a shaft (18) which extends through a housing wall radially outwards from the flow channel. This shaft with its outwardly extending part is rotatably located around a pivot axis (8). The pivot device contains a positioning ring (19) rotatable around the turbine axis and positioning levers (20) transmit torque from the positioning ring to the shaft of each blade.

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F01D 17/16

IPC 8 full level
F02B 39/00 (2006.01); **F01D 17/16** (2006.01); **F01D 25/24** (2006.01); **F02B 37/24** (2006.01)

CPC (source: EP KR US)
F01D 17/16 (2013.01 - KR); **F01D 17/162** (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US); **F05D 2250/33** (2013.01 - EP US)

Citation (search report)
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