

Title (en)
Turbocharger and annular guide conduit therefor

Title (de)
Turbolader und Schaufellagerring hierfür

Title (fr)
Turbosoufflante et son anneau de guidage

Publication
EP 1394364 B1 20060308 (DE)

Application
EP 02018296 A 20020826

Priority
EP 02018296 A 20020826

Abstract (en)
[origin: EP1394364A1] The device has a turbine housing with at least one exhaust gas feed channel and rotatable turbine rotor to which gas is fed via a control grating enclosing the rotor with variable turbine geometry. The grating has axially separate blade bearing rings (6) bounding a blade volume. At least one of the rings has distance holders (16) formed on it in one piece and distributed in the peripheral direction to maintain the axial separation of the rings. AN Independent claim is also included for the following: (a) a blade bearing ring for an inventive turbocharger.

IPC 8 full level
F01D 17/16 (2006.01); **F02B 37/24** (2006.01); **F02C 9/22** (2006.01)

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

Cited by
EP1577503A1; EP1707755A1; DE102004062564B4; DE102004062564A1; DE102008014680A1; US7431560B2; WO2009000436A3; US8418460B2; WO2009000436A2

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EP 02018296 A 20020826; DE 50205993 T 20020826; JP 2003297285 A 20030821; US 27073805 A 20051109; US 64947703 A 20030826