

Title (en)
TURBOCHARGER

Title (de)
TURBOLADER

Title (fr)
TURBOCOMPRESSEUR

Publication
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Application
EP 07725312 A 20070516

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Abstract (en)
[origin: WO2007134787A1] The invention relates to a turbocharger (1) having variable turbine geometry (VTG) having a turbine housing (2) with a supply duct (9) for exhaust gases; having a turbine rotor (4) which is rotatably mounted in the turbine housing (2); and having a guide grate (18) which surrounds the turbine rotor (4) radially at the outside, which guide grate (18) has a blade mounting ring (6) which has a plurality of guide blades (7) which in each case have a blade shaft (8) mounted in the blade mounting ring (6), which guide grate (18) has an adjusting ring (5) which is operatively connected to the guide blades (7) by means of associated blade levers (20) which are fastened to the blade shafts (8) at one of their ends, wherein each blade lever (20) has, at the other end, a lever head (23) which can be placed in engagement with an associated engagement recess (24) of the adjusting ring (5), and which guide grate (18) has a stop (25) at least for setting the minimum throughflow through the nozzle cross sections which are formed by the guide blades (7), wherein the stop (25) is embodied as a separate component which can be fixed in the guide grate (18).

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