

Title (en)
SLIDING VANE TURBOCHARGER WITH GRADUATED VANES

Title (de)
TURBOKOMPRESSOR MIT AXIAL VERSCHIEBBAREN LEITSCHAUFELN WOBEI DIE GEOMETRIE IN LÄNGSRICHTUNG UNTERSCHIEDLICH IST

Title (fr)
TURBOMCOMPRESSEUR A AILETTES COULISSANTES AVEC AILETTES GRADUEES

Publication
EP 1301689 A1 20030416 (FR)

Application
EP 00954699 A 20000719

Priority
FR 0002069 W 20000719

Abstract (en)
[origin: WO0206636A1] The invention concerns a turbocharger with variable turbine intake nozzle comprising a mobile cylindrical piston to vary the area of the intake nozzle in the turbine. Vanes mounted on the piston to control the flow into the nozzle penetrate through a slotted heat baffle which supplies a smooth aerodynamic flow into the turbine vanes. The vanes further comprise a stepped portion having greater chord and depth which engage the surface of the heat baffle and hermetically close the slots with the piston in closed position. An axial actuating device is attached to operate the piston.

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IPC 8 full level
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CPC (source: EP KR US)
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Citation (search report)
See references of WO 0206636A1

Cited by
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