

Title (en)
VARIABLE NOZZLE TURBOCHARGER WITH SHEET METAL SHROUD

Title (de)
TURBOKOMPRESSOR MIT VERSTELLBAREN LEITSCHAUFELN UND SCHNECKENGEHÄUSE/EINLAUF AUS BLECH

Title (fr)
TURBOCOMPRESSEUR A GEOMETRIE VARIABLE AVEC VIROLE EN TOLE

Publication
EP 1303683 B2 20120919 (FR)

Application
EP 00953257 A 20000719

Priority
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Abstract (en)
[origin: WO0206637A1] The invention concerns a variable nozzle turbocharger using a cartridge (34) comprising vanes in a turbine intake nozzle formed by a base (38) fixed to a central casing (18) and a casing insert (64) fixed to the base (38). A separate exhaust case (24) is received on the cartridge (34) outside the casing insert (64) so as to provide an intake and an outlet for the exhaust gases driving the turbocharger turbine wheel.

IPC 8 full level
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Citation (opposition)
Opponent :

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- US 2860827 A 19581118 - HANS EGLI
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KR 20037000794 A 20030117; MX PA03000497 A 20000719; US 33284003 A 20030113