

Title (en)
TURBOCHARGER HAVING VARIABLE NOZZLE DEVICE

Title (de)
ABGASTURBOLADER MIT VARIABLEN LEITSCHAUFEL

Title (fr)
TURBOCOMPRESSEUR POSSEDANT UN DISPOSITIF DE BUSE VARIABLE

Publication
EP 1540142 A1 20050615 (EN)

Application
EP 02807832 A 20020918

Priority
IB 0203835 W 20020918

Abstract (en)
[origin: WO2004027218A1] A turbocharger comprises a vane area formed between a nozzle element (21) and a floating insert (17) supported on the exhaust housing (7), wherein the floating insert (17) is urged against the vanes (27) located in the vane area by a biasing member (43). By means of this arrangement the turbine efficiency is increased and the risk of vane sticking is avoided to a large extent.

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F01D 17/16; F01D 11/00; F02C 6/12

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F01D 17/165 (2013.01 - EP US); **F05D 2220/40** (2013.01 - EP US); **F05D 2260/30** (2013.01 - EP US)

Citation (search report)
See references of WO 2004027218A1

Cited by
EP3150806A1; DE102011005151A1

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