

Title (en)

COMPRESSOR IN AN EXHAUST-GAS TURBOCHARGER FOR AN INTERNAL COMBUSTION ENGINE

Title (de)

VERDICHTER IN EINEM ABGASTURBOLADER FÜR EINE BRENNKRAFTMASCHINE

Title (fr)

COMPRESSEUR DANS UN TURBOCOMPRESSEUR A GAZ D'ECHAPPEMENT POUR UN MOTEUR A COMBUSTION INTERNE

Publication

**EP 1532368 A1 20050525 (DE)**

Application

**EP 03797228 A 20030807**

Priority

- DE 10238658 A 20020823
- EP 0308741 W 20030807

Abstract (en)

[origin: DE10238658A1] The compressor has a rotor, a diffuser, and an adjusting ring for guide blades. The ring has adjusting elements, to charge the guide blades in direction of rotation at a distance to the guide blade shaft. The blades are forked on the side away from the shaft, with two fork ends enclosing an open retainer, to accommodate the adjusting element. The adjustable diffuser body (13) is fastened directly to the rear wall (14) of the compressor housing.

IPC 1-7

**F04D 29/46**; **F04D 27/02**

IPC 8 full level

**F01D 17/16** (2006.01); **F03B 1/04** (2006.01); **F04D 27/02** (2006.01); **F04D 29/46** (2006.01)

CPC (source: EP US)

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Citation (search report)

See references of WO 2004027265A1

Cited by

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