

Title (en)
Turbocharger

Title (de)
Turbolader

Title (fr)
Turbocompresseur

Publication
EP 1643133 B1 20080305 (DE)

Application
EP 05020638 A 20050922

Priority
DE 102004047103 A 20040929

Abstract (en)
[origin: EP1643133A1] The turbocharger for an internal combustion engine has a rotatably driven compressor (6) installed in a compressor casing (2) for the compressing of induction air for the engine. The compressed air is delivered from the compressor radially outwards through an annular gap (3) in the compressor casing, with the open width (A) of the gap adjustable by a position variable element (4) of elastic material, metal, or plastic. The position variable element is fixed in the compressor casing by a pressed connection and/or positively locking elements.

IPC 8 full level
F04D 29/46 (2006.01); **F01D 17/14** (2006.01)

CPC (source: EP)
F01D 17/143 (2013.01); **F04D 29/464** (2013.01); **F05D 2220/40** (2013.01); **F05D 2250/52** (2013.01); **F05D 2270/06** (2013.01)

Cited by
CN103511063A; CN102080577A; CN112412809A; CN112112838A; CN104632646A; US8206089B2; WO2020257047A1; WO2008065447A1; US10323653B2; US7900431B2; WO2015135282A1

Designated contracting state (EPC)
DE FR GB IT

DOCDB simple family (publication)
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