

Title (en)
Turbocharger

Title (de)
Turbolader

Title (fr)
Turbocompresseur

Publication
EP 1777417 B1 20080611 (DE)

Application
EP 05023173 A 20051024

Priority
EP 05023173 A 20051024

Abstract (en)
[origin: EP1777417A1] The turbocharger, with a sealing unit (2) for sealing the bearing housing oil chamber (13) in relation to the compressor chamber (14), has a sealing ring (1) included in the sealing unit which is located with an axial clearance on the rotor shaft (12) between a disc (9) and sealing bush (16) which are fastened on the rotor shaft. Oppositely orientated air feed devices are arranged in or on the end faces (17,17') of the sealing ring. The disc and the sealing bush define a slot in which the sealing ring is located. An independent claim is included for a sealing unit for a turbocharger including a sealing ring.

IPC 8 full level
F04D 29/10 (2006.01)

CPC (source: EP US)
F04D 29/057 (2013.01 - EP US)

Cited by
CN106661942A; CN105240308A

Designated contracting state (EPC)
DE FR GB IT NL

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 05023173 A 20051024; DE 502005004418 T 20051024; EP 2006004908 W 20060523; JP 2008536947 A 20060523; US 9112306 A 20060523