

Title (en)  
Exhaust gas turbine casing

Title (de)  
Abgasturbinengehäuse

Title (fr)  
Carter de turbine à gas d'échappement

Publication  
**EP 1428983 B1 20061227 (DE)**

Application  
**EP 03405821 A 20031119**

Priority  
DE 10256418 A 20021202

Abstract (en)  
[origin: EP1428983A1] The exhaust gas turbine includes a housing (1), a shaft (3) in a bearing housing (4), a turbine wheel (5) and a heat shield wall (2), which bounds an inflow channel (6) to the turbine wheel, along with the housing. When the wall becomes hot, its two layers are pressed against the bearing housing and the turbine housing, pressing the latter outwards, centering the wall and the housing.

IPC 8 full level  
**F01D 25/08** (2006.01); **F02B 39/00** (2006.01); **F01D 25/24** (2006.01); **F01D 25/28** (2006.01); **F02C 7/06** (2006.01); **F02C 7/12** (2006.01)

CPC (source: EP KR US)  
**F01D 25/08** (2013.01 - EP US); **F01D 25/246** (2013.01 - EP US); **F01D 25/28** (2013.01 - EP US); **F02B 39/00** (2013.01 - KR); **F05D 2220/40** (2013.01 - EP US); **F05D 2230/64** (2013.01 - EP US); **F05D 2230/642** (2013.01 - EP US)

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EP1988261A1; GB2461216A; GB2461216B; US8951007B2; WO2010089045A1; WO2018099618A1; WO2008139130A1; WO2023280935A1

Designated contracting state (EPC)  
CZ DE GB

DOCDB simple family (publication)  
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