

Title (en)

Boîtier de turbine d'un turbocompresseur d'échappement à géométrie variable de turbine

Title (de)

Turbinengehäuse eines Abgasturboladers mit verstellbarer Turbinengeometrie

Title (fr)

Turbine casing of an exhaust turbocharger with variable turbine geometry

Publication

EP 1672178 A3 20060823 (DE)

Application

EP 05024051 A 20051104

Priority

- DE 102004059803 A 20041210
- DE 102005001864 A 20050114

Abstract (en)

[origin: DE102005001864B3] The turbine housing has a carrier ring (6), to which guide blades (8) to regulate the charge pressure are attached, and a covering ring (12) for the blades. The spacing elements (14) form a gap for the blades between the rings. Holding elements (16) passes through them. The spacing elements have recesses (20a, 20b, 20c, 20d, 22a, 22b, 22c, 22d) enabling direct application of the exhaust flow to the holding elements.

IPC 8 full level

F01D 17/16 (2006.01); **F01D 25/12** (2006.01); **F01D 25/24** (2006.01)

CPC (source: EP US)

F01D 17/165 (2013.01 - EP US); **F01D 25/12** (2013.01 - EP US); **F01D 25/243** (2013.01 - EP US)

Citation (search report)

[X] EP 1099838 A1 20010516 - HITACHI LTD [JP], et al

Cited by

DE102008039093A1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

DE 102005001864 B3 20060112; DE 502005008905 D1 20100311; EP 1672178 A2 20060621; EP 1672178 A3 20060823; EP 1672178 B1 20100120; JP 2006170196 A 20060629; JP 4224489 B2 20090212; US 2006188367 A1 20060824; US 7399156 B2 20080715

DOCDB simple family (application)

DE 102005001864 A 20050114; DE 502005008905 T 20051104; EP 05024051 A 20051104; JP 2005335175 A 20051121; US 29849405 A 20051212