

Title (en)
COMPONENT OF A TURBOCHARGER, COMBUSTION ENGINE COMPRISING SAID TURBOCHARGER AND MANUFACTURING METHOD FOR A COMPONENT OF A TURBOCHARGER

Title (de)
BAUTEIL EINER TURBOEINRICHTUNG, BRENNKRAFTMASCHINE MIT EINER TURBOEINRICHTUNG UND VERFAHREN ZUM HERSTELLEN EINES TURBOEINRICHTUNGSBAUTEILS

Title (fr)
COMPOSANT D'UNE TURBOMACHINE, MOTEUR À COMBUSTION INTERNE COMPORTANT UNE TURBOMACHINE ET PROCÉDÉ DE FABRICATION D'UN COMPOSANT D'UNE TURBOMACHINE

Publication
EP 3227474 B1 20191106 (DE)

Application
EP 15837130 A 20151204

Priority

- DE 102014017870 A 20141204
- DE 102014017941 A 20141205
- DE 2015000579 W 20151204

Abstract (en)
[origin: WO2016086914A2] The invention relates to a component of a turbo device comprising a compressor and a turbine. Said component includes a component member which is made at least in part of a titanium-aluminum alloy composed of 40 to 60 atomic percent titanium and 5 to 50 atomic percent aluminum; at least part of the surface of the component has a protective coating that is created using plasma electrolytic oxidation (PEO).

IPC 8 full level
C25D 11/02 (2006.01); **C25D 11/04** (2006.01); **C25D 11/26** (2006.01); **F01D 5/04** (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP)
C25D 11/024 (2013.01); **C25D 11/026** (2013.01); **C25D 11/04** (2013.01); **C25D 11/26** (2013.01); **F01D 5/048** (2013.01); **F01D 5/288** (2013.01); **F05D 2220/40** (2013.01); **F05D 2230/312** (2013.01); **F05D 2300/174** (2013.01); **F05D 2300/182** (2013.01)

Cited by
CN113046809A; EP4043607A1; US11732353B2; WO2022098437A3; US11560804B2; US11603767B2; US11661849B2

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2016086914 A2 20160609; WO 2016086914 A3 20160929; WO 2016086914 A9 20160728; DE 112015005466 A5 20170831; EP 3227474 A2 20171011; EP 3227474 B1 20191106; RS 59879 B1 20200331

DOCDB simple family (application)
DE 2015000579 W 20151204; DE 112015005466 T 20151204; EP 15837130 A 20151204; RS P20200139 A 20151204