

Title (en)

COMPONENT OF A TURBOMACHINE, TURBOMACHINE AND PROCESS FOR MAKING THE SAME

Title (de)

KOMPONENTE EINER TURBOMASCHINE, TURBOMASCHINE UND VERFAHREN ZUR HERSTELLUNG DAVON

Title (fr)

ÉLÉMENT CONSTITUTIF D'UNE TURBOMACHINE, TURBOMACHINE ET LEUR PROCÉDÉ DE FABRICATION

Publication

EP 3161174 B1 20180606 (EN)

Application

EP 15733673 A 20150625

Priority

- IT CO20140021 A 20140627
- EP 2015064350 W 20150625

Abstract (en)

[origin: WO2015197751A1] Turbomachines, as well as their components, are disclosed being in the field of production and treatment of oil and gas containing e.g. hydrocarbon plus hydrogen sulfide, carbon dioxide, with or without other contaminants. Said components are made of a high corrosion high temperature resistant alloy, capable of resisting to corrosion and/or stress at high temperature better than state of art martensitic stainless steels and behaving similarly to premium nickel base superalloys.

IPC 8 full level

C22C 19/05 (2006.01); **B22F 5/00** (2006.01); **C21D 6/00** (2006.01); **C22C 33/02** (2006.01); **C22C 38/00** (2006.01); **C22C 38/02** (2006.01); **C22C 38/04** (2006.01); **C22C 38/06** (2006.01); **C22C 38/42** (2006.01); **C22C 38/44** (2006.01); **C22C 38/48** (2006.01); **C22C 38/50** (2006.01); **C22C 38/52** (2006.01); **F04D 29/02** (2006.01)

CPC (source: EP)

B22F 5/009 (2013.01); **C21D 6/004** (2013.01); **C22C 19/055** (2013.01); **C22C 19/056** (2013.01); **C22C 33/0285** (2013.01); **C22C 38/004** (2013.01); **C22C 38/02** (2013.01); **C22C 38/04** (2013.01); **C22C 38/06** (2013.01); **C22C 38/42** (2013.01); **C22C 38/44** (2013.01); **C22C 38/48** (2013.01); **C22C 38/50** (2013.01); **C22C 38/52** (2013.01); **F04D 29/02** (2013.01); **B22F 3/04** (2013.01); **B22F 3/10** (2013.01); **B22F 3/15** (2013.01); **B22F 3/225** (2013.01); **B22F 9/08** (2013.01); **B22F 2998/10** (2013.01)

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 2015197751 A1 20151230; CN 106715008 A 20170524; EP 3161174 A1 20170503; EP 3161174 B1 20180606; JP 2017525842 A 20170907; JP 6767883 B2 20201014

DOCDB simple family (application)

EP 2015064350 W 20150625; CN 201580034945 A 20150625; EP 15733673 A 20150625; JP 2016574276 A 20150625