

Title (en)
COMPONENT OF A STEAM TURBINE INSTALLATION, STEAM TURBINE INSTALLATION, USE THEREOF AND METHOD FOR PRODUCING THE SAME

Title (de)
KOMPONENTE EINER DAMPFTURBINENANLAGE, DAMPFTURBINENANLAGE, VERWENDUNG UND HERSTELLUNGSVERFAHREN

Title (fr)
PARTIE STRUCTURALE D'UN ENSEMBLE TURBINE A VAPEUR, ENSEMBLE TURBINE A VAPEUR ET UTILISATION ET PROCEDE DE FABRICATION DE LADITE PARTIE

Publication
EP 1869292 A1 20071226 (DE)

Application
EP 06708745 A 20060313

Priority
• EP 2006060664 W 20060313
• EP 05008207 A 20050414
• EP 06708745 A 20060313

Abstract (en)
[origin: EP1712745A1] The component has a lining (7) arranged on a hot side that is facing a superheated steam chamber (1) and comprising a contour (5). The lining (7) has molded parts (27) adapted to the contour, where each part has a metallic and ceramic composite layer with a metallic layer and a ceramic layer on the hot side. The ceramic layer is used as an insulating layer, and the metallic layer is used as a support. An independent claim is also included for a method for manufacturing a component of a steam turbine plant.

IPC 8 full level
F01D 25/14 (2006.01); **F01D 5/28** (2006.01)

CPC (source: EP US)
F01D 5/28 (2013.01 - EP US); **F01D 25/145** (2013.01 - EP US); **F05D 2220/31** (2013.01 - EP US); **F05D 2230/23** (2013.01 - EP US); **F05D 2260/231** (2013.01 - EP US); **Y10T 29/49245** (2015.01 - EP US)

Citation (search report)
See references of WO 2006108746A1

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)
EP 1712745 A1 20061018; CN 101155973 A 20080402; CN 101155973 B 20100519; EP 1869292 A1 20071226; EP 1869292 B1 20130102; JP 2008536050 A 20080904; PL 1869292 T3 20130531; US 2009041578 A1 20090212; US 8137063 B2 20120320; WO 2006108746 A1 20061019

DOCDB simple family (application)
EP 05008207 A 20050414; CN 200680011670 A 20060313; EP 06708745 A 20060313; EP 2006060664 W 20060313; JP 2008505854 A 20060313; PL 06708745 T 20060313; US 91830406 A 20060313