

Title (en)

TWO-PLY CERAMIC LAYER WITH DIFFERENT MICROSTRUCTURES

Title (de)

ZWEILAGIGE KERAMISCHE SCHICHT MIT UNTERSCHIEDLICHEN MIKROSTRUKTUREN

Title (fr)

REVÊTEMENT CÉRAMIQUE À DEUX COUCHES COMPRENANT DES MICROSTRUCTURES DIFFÉRENTES

Publication

EP 3033439 A1 20160622 (DE)

Application

EP 14725074 A 20140513

Priority

- EP 13189688 A 20131022
- EP 2014059738 W 20140513
- EP 14725074 A 20140513

Abstract (en)

[origin: WO2015058866A1] The invention relates to the use of a two-ply heat-insulating ceramic layer with a highly porous crack-free lower ply and an outermost heat-insulating ply with vertical cracks in order to ensure both a high heat insulation as well as a high erosion resistance.

IPC 8 full level

C23C 4/10 (2006.01); **C23C 4/12** (2006.01); **C23C 28/00** (2006.01); **C23C 28/04** (2006.01)

CPC (source: EP RU US)

C23C 4/10 (2013.01 - RU); **C23C 4/11** (2016.01 - EP US); **C23C 4/134** (2016.01 - EP US); **C23C 28/042** (2013.01 - EP US);
C23C 28/3215 (2013.01 - EP US); **C23C 28/3455** (2013.01 - EP US); **F01D 5/288** (2013.01 - US); **F01D 9/02** (2013.01 - US);
F04D 29/324 (2013.01 - US); **F04D 29/542** (2013.01 - US); **F05D 2220/31** (2013.01 - US); **F05D 2220/323** (2013.01 - US);
F05D 2230/312 (2013.01 - US); **F05D 2300/5023** (2013.01 - US); **F05D 2300/611** (2013.01 - US); **Y02T 50/60** (2013.01 - US)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2865781 A1 20150429; CN 105658836 A 20160608; EP 3033439 A1 20160622; JP 2016537505 A 20161201; KR 20160058887 A 20160525;
RU 2016119103 A 20171128; RU 2657884 C2 20180618; US 2016251971 A1 20160901; WO 2015058866 A1 20150430

DOCDB simple family (application)

EP 13189688 A 20131022; CN 201480058282 A 20140513; EP 14725074 A 20140513; EP 2014059738 W 20140513;
JP 2016525522 A 20140513; KR 20167010144 A 20140513; RU 2016119103 A 20140513; US 201415028949 A 20140513