

Title (en)
TITANIUM ALLOY MATERIAL

Title (de)
TITANLEGIERUNGSMATERIAL

Title (fr)
MATÉRIAU EN ALLIAGE DE TITANE

Publication
EP 2883972 A4 20160406 (EN)

Application
EP 13828545 A 20130812

Priority
• JP 2012179003 A 20120810
• JP 2013071788 W 20130812

Abstract (en)
[origin: EP2883972A1] [Object] To provide a titanium alloy material containing a platinum group metal, the titanium alloy material being able to sufficiently suppress corrosion accompanying surface roughening. [Solution] Provided is a titanium alloy material including a platinum group metal. When an average value of intensity of background signals in surface mapping analysis using an EPMA surface analysis apparatus is N and N+3N 1/2 is maximum intensity of the background signal of an Fe or S characteristic X-ray, an area ratio at which a signal of an Fe or S characteristic X-ray exceeding the maximum intensity is obtained is 0.1 % or less.

IPC 8 full level
C22C 14/00 (2006.01); **C22F 1/00** (2006.01); **C22F 1/18** (2006.01); **C23G 1/10** (2006.01); **C23G 1/32** (2006.01)

CPC (source: CN EP KR US)
C22C 14/00 (2013.01 - CN EP KR US); **C22F 1/16** (2013.01 - KR); **C22F 1/183** (2013.01 - EP KR US)

Citation (search report)
• [X] EP 2402468 A1 20120104 - KOBE STEEL LTD [JP]
• [X] GB 2167769 A 19860604 - NIPPON MINING CO
• [X] US 5316722 A 19940531 - SUGIZAKI YASUAKI [JP], et al
• [I] JP H0551777 A 19930302 - NIPPON STEEL CORP
• See references of WO 2014025059A1

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)
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DOCDB simple family (application)
EP 13828545 A 20130812; CN 201380042581 A 20130812; CN 201710992010 A 20130812; EP 19166195 A 20130812; JP 2013071788 W 20130812; JP 2013555651 A 20130812; KR 20157003159 A 20130812; US 201314418031 A 20130812