

Title (en)

CORROSION RESISTANT CEMENTED CARBIDE FOR FLUID HANDLING

Title (de)

KORROSIONSBESTÄNDIGES ZEMENTIERTES CARBID ZUR FLUIDHANDHABUNG

Title (fr)

CARBURE CÉMENTÉ RÉSISTANT À LA CORROSION POUR LA MANIPULATION DE FLUIDE

Publication

EP 3240917 A1 20171108 (EN)

Application

EP 15823339 A 20151228

Priority

- US 201462098211 P 20141230
- EP 2015081283 W 20151228

Abstract (en)

[origin: WO2016107842A1] A cemented carbide for fluid handling components or a seal ring has a composition in wt %; about 7-11 Ni; about 0.5-2.5 Cr₃C₂; and about 0.5 - 1 Mo; and a balance of WC, with an average WC grain size greater than or equal to 4 µm.

IPC 8 full level

C22C 29/08 (2006.01); **E21B 17/00** (2006.01); **E21B 21/00** (2006.01); **E21B 34/00** (2006.01)

CPC (source: EP RU US)

C22C 29/067 (2013.01 - EP US); **C22C 29/08** (2013.01 - EP RU US); **E21B 17/00** (2013.01 - RU); **E21B 34/00** (2013.01 - RU)

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)

WO 2016107842 A1 20160707; AU 2015373451 A1 20170629; CA 2970583 A1 20160707; EP 3240917 A1 20171108; MX 2017008636 A 20171011; RU 2017127055 A 20190131; RU 2017127055 A3 20190328; RU 2689456 C2 20190528; SG 11201704719R A 20170728; US 2017369973 A1 20171228

DOCDB simple family (application)

EP 2015081283 W 20151228; AU 2015373451 A 20151228; CA 2970583 A 20151228; EP 15823339 A 20151228; MX 2017008636 A 20151228; RU 2017127055 A 20151228; SG 11201704719R A 20151228; US 201515540816 A 20151228