

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 Cr<sub>3</sub>C<sub>2</sub>; 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)

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