

Title (en)

DOUBLE LAYER WEAR AND CORROSION PROTECTED SHANK ADAPTER

Title (de)

DOPPELSCHICHT-VERSCHLEISS- UND KORROSIONSGESCHÜTZTER SCHAFTADAPTER

Title (fr)

ADAPTATEUR DE TIGE À DOUBLE COUCHE DE PROTECTION CONTRE L'USURE ET LA CORROSION

Publication

EP 4279705 A1 20231122 (EN)

Application

EP 22174656 A 20220520

Priority

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Abstract (en)

A shank adapter to form part of a drilling assembly, the shank adapter comprising a longitudinal axis; an external surface; an internal surface; a threaded part provided at a forward end and a plurality of splines provided at a rearward end; and a machine part extending axially between the threaded part and the splines; characterised in that: at least a part of the external surface is coated with a first corrosion protection layer comprising chromium and a second corrosion protection layer.

IPC 8 full level

E21B 17/03 (2006.01); **C23C 22/00** (2006.01)

CPC (source: EP)

E21B 17/03 (2013.01); **C23C 18/1653** (2013.01); **C23C 22/12** (2013.01); **C23C 22/18** (2013.01); **C23C 22/182** (2013.01); **C25D 5/14** (2013.01)

Citation (search report)

- [A] EP 3916114 A1 20211201 - FURUKAWA ROCK DRILL CO LTD [JP]
- [XI] EP 2614212 A2 20130717 - ATLAS COPCO SECOROC AB [SE]
- [A] US 2010059285 A1 20100311 - CARLSTROEM BO [SE], et al

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

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