

Title (en)

SHANK CHISEL AND FIXING ASSEMBLY FOR A SHANK CHISEL

Title (de)

SCHAFTMEISSEL BZW. BEFESTIGUNGSANORDNUNG FÜR EINEN SCHAFTMEISSEL

Title (fr)

PIC DE FORAGE ET DISPOSITIF DE FIXATION DE PIC DE FORAGE

Publication

**EP 3140511 B1 20201216 (DE)**

Application

**EP 15722993 A 20150507**

Priority

- DE 102014106484 A 20140508
- EP 2015060070 W 20150507

Abstract (en)

[origin: WO2015169900A2] The invention relates to a shank chisel (10) with a chisel head (12) and a chisel shank (16), wherein the chisel shank (16) has a securing element retainer (181) in which a securing element (40) is arranged. In order to enable a simple installation of the shank chisel (10) in a chisel holder (30) in a safe and maintenance-optimized operating mode, according to the invention, a tensioning element (20) can be displaced relative to the chisel shank (16) in such a way that at least one part of the outer contour of the securing element (40) is changed. The invention further relates to a corresponding fixing assembly (1) for a shank chisel (10) in a chisel holder (30).

IPC 8 full level

**E21C 35/197** (2006.01)

CPC (source: CN EP US)

**E21C 35/183** (2013.01 - US); **E21C 35/19** (2013.01 - US); **E21C 35/197** (2013.01 - CN EP 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

DOCDB simple family (publication)

**DE 102014106484 A1 20151112**; AU 2015257693 A1 20161201; AU 2015257693 B2 20180329; BR 112016025980 A2 20170815; BR 112016025980 B1 20220303; CN 106489018 A 20170308; DK 3140511 T3 20210208; EP 3140511 A2 20170315; EP 3140511 B1 20201216; JP 2017517660 A 20170629; JP 6556223 B2 20190807; RU 2016147905 A 20180608; RU 2016147905 A3 20180608; US 10385690 B2 20190820; US 2017074098 A1 20170316; WO 2015169900 A2 20151112; WO 2015169900 A3 20151230

DOCDB simple family (application)

**DE 102014106484 A 20140508**; AU 2015257693 A 20150507; BR 112016025980 A 20150507; CN 201580037420 A 20150507; DK 15722993 T 20150507; EP 15722993 A 20150507; EP 2015060070 W 20150507; JP 2017510758 A 20150507; RU 2016147905 A 20150507; US 201615345581 A 20161108