

Title (en)

GYRATORY CRUSHER HEAD FIXING MECHANISM

Title (de)

BEFESTIGUNG DES BRECHKEGELS IN EINEM KEGELBRECHER

Title (fr)

DISPOSITIF DE FIXATION DE LA TETE D'UN CONCASSEUR GIRATOIRE

Publication

**EP 3129147 B1 20191127 (DE)**

Application

**EP 15715717 A 20150408**

Priority

- DE 102014105029 A 20140409
- EP 2015057560 W 20150408

Abstract (en)

[origin: WO2015155205A1] Method and device for mounting a crushing cone (3) on the cone carrier of a cone crusher, wherein the crushing cone is clamped with the aid of a hydraulic clamping device (14) with a clamping nut (16), which is screwed onto the cone carrier (4), against the conical seat of the cone carrier, wherein the screwed-on clamping nut is applied directly or by means of a clamping ring (11) against the crushing cone, wherein the hydraulic clamping device is removably mounted on the cone carrier and actuated, wherein it presses the crushing cone directly or by means of the clamping ring against the conical seat of the cone carrier, wherein the applied clamping nut is tightened while the clamping device acts on the crushing cone, and wherein the clamping device is unclamped and demounted.

IPC 8 full level

**B02C 2/00** (2006.01)

CPC (source: CN EP)

**B02C 2/005** (2013.01 - CN EP)

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 102014105029 A1 20151015**; AU 2015243593 A1 20161020; AU 2015243593 B2 20181115; CL 2016002527 A1 20170303; CN 106132549 A 20161116; CN 106132549 B 20180828; DK 3129147 T3 20200210; EP 3129147 A1 20170215; EP 3129147 B1 20191127; PE 20170075 A1 20170402; WO 2015155205 A1 20151015

DOCDB simple family (application)

**DE 102014105029 A 20140409**; AU 2015243593 A 20150408; CL 2016002527 A 20161004; CN 201580018150 A 20150408; DK 15715717 T 20150408; EP 15715717 A 20150408; EP 2015057560 W 20150408; PE 2016001912 A 20150408