

Title (en)

ARRANGEMENT OF A CRUSHER TOOTH ON A CRUSHING ROLL OF A ROLL CRUSHER

Title (de)

ANORDNUNG EINES BRECHZAHNES AN EINER BRECHWALZE EINES WALZENBRECHERS

Title (fr)

DISPOSITION D'UNE DENT DE BROyage SUR UN CYLINDRE BROyEUR D'UN BROyEUR A CYLINDRES

Publication

EP 2897733 B1 20180502 (DE)

Application

EP 13766273 A 20130920

Priority

- DE 102012108935 A 20120921
- EP 2013069574 W 20130920

Abstract (en)

[origin: WO2014044797A2] The invention relates to an arrangement of a crusher tooth (10) on a crushing roll (1) of a roll crusher and to a corresponding method. A tooth receiving element (11) with an opening (12) is arranged on the crushing roll (1), in which the crusher tooth (10) can be introduced and maintained. According to the invention, a clamping housing (13) in which a shaft (14) of the crushing tooth (10) is received under radial preload of the clamping housing (13) in the opening (12), is provided.

IPC 8 full level

B02C 4/30 (2006.01); **E21C 35/197** (2006.01)

CPC (source: CN EP)

B02C 4/30 (2013.01 - CN EP)

Citation (examination)

- WO 2012113707 A2 20120830 - ELEMENT SIX GMBH [DE], et al
- WO 2014033227 A2 20140306 - ELEMENT SIX GMBH [DE], et al
- EP 1201310 A1 20020502 - AMB ANLAGEN MASCHINEN BAU GMBH [DE]

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)

WO 2014044797 A2 20140327; WO 2014044797 A3 20141030; AU 2013320199 A1 20150423; AU 2013320199 B2 20180322; BR 112015006148 A2 20170704; BR 112015006148 B1 20210601; CN 104797342 A 20150722; CN 104797342 B 20170524; DE 102012108935 A1 20140327; DK 2897733 T3 20180730; EA 029248 B1 20180228; EA 201590514 A1 20150831; EP 2897733 A2 20150729; EP 2897733 B1 20180502

DOCDB simple family (application)

EP 2013069574 W 20130920; AU 2013320199 A 20130920; BR 112015006148 A 20130920; CN 201380060619 A 20130920; DE 102012108935 A 20120921; DK 13766273 T 20130920; EA 201590514 A 20130920; EP 13766273 A 20130920