

Title (en)

PICK, IN PARTICULAR A ROUND SHAFT PICK

Title (de)

MEISSEL, INSBESONDERE RUNDSCHAFTMEISSEL

Title (fr)

BURIN, EN PARTICULIER BURIN À QUEUE CYLINDRIQUE

Publication

EP 3122998 A1 20170201 (DE)

Application

EP 15709929 A 20150313

Priority

- DE 102014104040 A 20140324
- EP 2015055263 W 20150313

Abstract (en)

[origin: WO2015144450A1] The invention relates to a pick, in particular a round shaft pick, having a pick head and a pick shaft, having a support element which has a centring lug on the underside thereof, wherein the centring lug has a centring surface which extends inclined with respect to the central longitudinal axis of the pick and merges into a seat surface. To this end circumferential channel according to the invention is disposed in the transition region from the centring surface to the seat surface and the depth of the channel relative to the seat surface is greater than or equal to 0.3 mm. The pick has an optimised rotatability and thus a low wear.

IPC 8 full level

E21C 35/19 (2006.01)

CPC (source: CN EP US)

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

Citation (search report)

See references of WO 2015144450A1

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)

DE 102014104040 A1 20150924; CN 106460508 A 20170222; CN 106460508 B 20191126; DK 3122998 T3 20191007; EP 3122998 A1 20170201; EP 3122998 B1 20190710; EP 3492696 A1 20190605; ES 2747709 T3 20200311; PL 3122998 T3 20200331; US 10260341 B2 20190416; US 10662770 B2 20200526; US 2017030191 A1 20170202; US 2019195069 A1 20190627; WO 2015144450 A1 20151001

DOCDB simple family (application)

DE 102014104040 A 20140324; CN 201580015184 A 20150313; DK 15709929 T 20150313; EP 15709929 A 20150313; EP 18211085 A 20150313; EP 2015055263 W 20150313; ES 15709929 T 20150313; PL 15709929 T 20150313; US 201615273794 A 20160923; US 201916288529 A 20190228