

Title (en)
COLLET CHUCK

Title (de)
SPANNZANGENFUTTER

Title (fr)
MANDRIN À PINCE DE SERRAGE

Publication
EP 3268157 A1 20180117 (DE)

Application
EP 16708706 A 20160309

Priority
• DE 102015002943 A 20150310
• EP 2016055047 W 20160309

Abstract (en)
[origin: WO2016142431A1] The invention relates to a collet chuck (1) for clamping a preferably cylindrical tool shank with a chuck body (2) of a collet (3) and an union nut (4), which are matched in such a way that the collet (3) can be driven into the chuck body (2) by tightening the union nut (4) such that it secures the tool shank in the collet chuck (1) ready for operation, wherein the collet (3) and the union nut (4) are permanently connected to one another and at the same time connected in a rotatable manner relative to one another.

IPC 8 full level
B23B 31/20 (2006.01)

CPC (source: EP US)
B23B 31/20125 (2021.01 - EP US); **B23B 31/208** (2013.01 - EP US); **B23B 2231/06** (2013.01 - US); **B23B 2231/2005** (2013.01 - EP US);
B23B 2231/2027 (2013.01 - EP US); **B23B 2231/2083** (2013.01 - US); **B23B 2260/106** (2013.01 - EP)

Citation (search report)
See references of WO 2016142431A1

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 102015002943 A1 20160915; EP 3268157 A1 20180117; JP 2018511487 A 20180426; JP 6889113 B2 20210618;
US 11278969 B2 20220322; US 2018071833 A1 20180315; WO 2016142431 A1 20160915

DOCDB simple family (application)
DE 102015002943 A 20150310; EP 16708706 A 20160309; EP 2016055047 W 20160309; JP 2017547537 A 20160309;
US 201615556481 A 20160309