

Title (en)

CLAMPING DEVICE WITH EXCAVATION FUNCTION

Title (de)

AUFSPANNVORRICHTUNG MIT AUSHUBFUNKTION

Title (fr)

DISPOSITIF D'ABLOPAGE AVEC FONCTION D'ENLÈVEMENT

Publication

EP 3651937 A1 20200520 (DE)

Application

EP 18740589 A 20180713

Priority

- DE 102017115869 A 20170714
- EP 2018069109 W 20180713

Abstract (en)

[origin: WO2019012118A1] The invention relates to a clamping device (10) and to a method for clamping a workpiece (2), preferably to a machining device, in particular for clamping a workpiece (2) with one or more curved surfaces or free-form surfaces, having: a first receiving section (12) for receiving a workpiece (2), said receiving section preferably at least partly having a first negative shape relative to the workpiece (2) to be received, and a second receiving section (13) for receiving the workpiece (2), said receiving section preferably at least partly having a second negative shape relative to the workpiece (2) to be received, wherein one of the receiving sections (12, 13) can be moved out of a first position into a second position relative to the other receiving section (12, 13), and one or more clamping devices (20a, 20b) is/are provided on the first receiving section (12) and/or the second receiving section (13).

IPC 8 full level

B25B 11/00 (2006.01); **B23Q 1/00** (2006.01); **B23Q 1/03** (2006.01)

CPC (source: EP US)

B23Q 1/035 (2013.01 - EP US); **B23Q 3/062** (2013.01 - EP US); **B23Q 3/088** (2013.01 - EP US); **B25B 11/005** (2013.01 - EP US); **B23Q 2703/04** (2013.01 - 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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2019012118 A1 20190117; CN 110869168 A 20200306; CN 110869168 B 20220909; DE 102017115869 A1 20190117; EP 3651937 A1 20200520; US 2020139516 A1 20200507

DOCDB simple family (application)

EP 2018069109 W 20180713; CN 201880046488 A 20180713; DE 102017115869 A 20170714; EP 18740589 A 20180713; US 201816630411 A 20180713