

Title (en)

MACHINING UNIT FOR MACHINING THE BOUNDARY SURFACES OF AT LEAST ONE BODY

Title (de)

BEARBEITUNGSMASCHINE ZUM BEARBEITEN DER GRENZFLÄCHEN VON MINDESTENS EINEM KÖRPER

Title (fr)

MACHINE D'USINAGE POUR L'USINAGE DES SURFACES DE CONTACT D'AU MOINS UN CORPS

Publication

**EP 3615336 B1 20210519 (DE)**

Application

**EP 18719473 A 20180410**

Priority

- DE 102017206936 A 20170425
- EP 2018059133 W 20180410

Abstract (en)

[origin: WO2018197200A1] The invention relates to a machining unit for machining the boundary surfaces of a body (07), wherein: the body has a lateral surface (54) and a base surface (27) as boundary surfaces; the machining unit has at least one machining station (02; 03; 04; 06) and at least one device for transferring the body (07) from a first machining position into a second machining position; the device has a gripping device (57) for gripping the body (07); the machining unit has two opposing elements (28; 29) of a clamping means; the body (07) in its first machining position is fixed at each of its end faces between the two opposing elements (28; 29) of the clamping means; the gripping device (57) is rigidly connected to a rotatable shaft (59); the body (07), picked up by the gripping device (57) and removed from its fixed state, can be transferred into its second machining position by means of a rotational movement of the shaft (59); and this body (07) is positioned on the machining station (02; 03; 04; 06) such that in its first machining position its lateral surface (54) is machined, and in its second machining position its base surface (27) is machined.

IPC 8 full level

**B41F 15/08** (2006.01); **B41F 17/00** (2006.01); **B41F 17/18** (2006.01); **B41J 3/407** (2006.01)

CPC (source: EP US)

**B41F 15/0877** (2013.01 - EP US); **B41F 17/001** (2013.01 - EP); **B41F 17/002** (2013.01 - EP); **B41F 17/18** (2013.01 - EP); **B41J 3/4073** (2013.01 - EP 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

DOCDB simple family (publication)

**DE 102017206936 A1 20181025**; EP 3615336 A1 20200304; EP 3615336 B1 20210519; MX 2019008392 A 20190916; PL 3615336 T3 20211102; WO 2018197200 A1 20181101

DOCDB simple family (application)

**DE 102017206936 A 20170425**; EP 18719473 A 20180410; EP 2018059133 W 20180410; MX 2019008392 A 20180410; PL 18719473 T 20180410