

Title (en)
PROCESSING UNIT AND PROCESSING DEVICE

Title (de)
VERARBEITUNGSEINHEIT UND VERARBEITUNGSVORRICHTUNG

Title (fr)
UNITÉ DE TRAITEMENT ET DISPOSITIF DE TRAITEMENT

Publication
EP 3017891 A1 20160511 (EN)

Application
EP 14866917 A 20140930

Priority
• JP 2013251298 A 20131204
• JP 2013251280 A 20131204
• JP 2014004995 W 20140930

Abstract (en)
There is provided a machining unit (10) that machines a rod-shaped member (W). The machining unit (10) includes: a first unit (23) including a first split die portion on an upper side, out of upper and lower split die portions that form a pair and include a bending channel that bends the rod-shaped member (W), and a first clamp portion on an upper side, out of upper and lower clamp portions that form a pair and hold the rod-shaped member inserted into the bending channel; a second unit (22) including a second split die portion on a lower side out of the upper and lower split die portions that form a pair and a second clamp portion on a lower side out of the upper and lower clamp portions that form a pair; a pressure unit (30) including a holding channel that holds the rod-shaped member in the bending channel from an outer circumferential side of the bending channel; and an opening-closing unit (69) that opens and closes the first unit (23), the second unit (22), and the pressure unit (30) in three different directions with respect to a setting center (C) that is a position of a center axis of the rod-shaped member (W) in a state where the rod-shaped member (W) is set the bending channel.

IPC 8 full level
B21D 7/025 (2006.01)

CPC (source: EP US)
B21D 7/024 (2013.01 - EP US)

Cited by
CN106799434A

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)
EP 3017891 A1 20160511; EP 3017891 A4 20170405; CN 105473249 A 20160406; CN 105473249 B 20170728; US 2016175908 A1 20160623; WO 2015083310 A1 20150611

DOCDB simple family (application)
EP 14866917 A 20140930; CN 201480043050 A 20140930; JP 2014004995 W 20140930; US 201414908885 A 20140930