

Title (en)
PROCESSING MACHINE FOR FLAT MATERIAL PARTS AND A SUPPORT UNIT FOR SAME

Title (de)
BEARBEITUNGSMASCHINE FÜR FLACHMATERIALTEILE UND EINE AUFLAGEEINHEIT HIERFÜR

Title (fr)
MACHINE D'USINAGE DE FEUILLES ET ÉLÉMENT DE SUPPORT CORRESPONDANT

Publication
EP 3208008 B1 20180328 (DE)

Application
EP 17157321 A 20170222

Priority
EP 16156741 A 20160222

Abstract (en)
[origin: US2017252794A1] A metal-cutting machine for flat material parts comprises metal-cutting tools (21, 22, 23), held on a machine frame, and a support unit (10), on which a flat material part to be machined can be placed for a positioning in the metal-cutting machine. The support unit comprises a feed table (10), which is clamped remote from the beams and on one side about a pivot axis that is pivotable parallel to the beam orientation (39) and the free end (26) of which feed table in the parking position rests on a support surface (27) assigned to the lower beam (21), which support surface is connected via a sliding surface (28) to the top side (29) of the lower beam (21). The clamped end (36) of the feed table (10) is here movable by means of a drive (40), in the direction of extension (45), into its loading and removal position, wherein the bottom edge (25) of the feed table slides from the support surface (27) over the sliding surface (28) and beyond the top side (29) of the lower beam, and the top side (29) forms the support for the bottom side (16) of the feed table (10) in the loading and removal position for a flat material part.

IPC 8 full level
B21D 5/04 (2006.01); **B21D 43/00** (2006.01); **B21D 43/13** (2006.01); **B23Q 7/08** (2006.01)

CPC (source: EP US)
B21D 5/002 (2013.01 - EP US); **B21D 5/04** (2013.01 - EP US); **B21D 43/003** (2013.01 - EP US); **B21D 43/027** (2013.01 - US);
B21D 43/13 (2013.01 - EP US)

Cited by
EP3778048A1; EP3778049A1; US11541442B2

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)
EP 3208008 A1 20170823; EP 3208008 B1 20180328; US 2017252794 A1 20170907

DOCDB simple family (application)
EP 17157321 A 20170222; US 201715439542 A 20170222