

Title (en)

PROCESSING TOOL AND LABEL PRINTING MACHINE WITH SUCH A PROCESSING TOOL

Title (de)

BEARBEITUNGSWERK UND ETIKETTENDRUCKMASCHINE MIT EINEM SOLCHEN BEARBEITUNGSWERK

Title (fr)

OUTIL D'USINAGE ET MACHINE À IMPRIMER D'ÉTIQUETTES POURVUE D'UN TEL OUTIL D'USINAGE

Publication

**EP 3287281 B1 20190227 (DE)**

Application

**EP 17182468 A 20170721**

Priority

DE 102016215988 A 20160825

Abstract (en)

[origin: US2018056642A1] A processing unit for rotational processing includes at least two processing cylinders and a machine frame. A first processing cylinder is movably mounted in the machine frame, a second processing cylinder is stationarily mounted in the machine frame and a pair of support members is provided for each respective processing cylinder. A respective support member of the second processing cylinder has a solid joint, a manipulator and an annular segment attached to the solid joint and contacting one support member of the first processing cylinder. A solid joint is linearly displaceable by the manipulator and an annular segment is linearly displaceable therewith. A gap dimension between the processing cylinders can therefore be adjusted in a simple, accurate manner with precise repeatability. A label printing machine having the processing unit is also provided.

IPC 8 full level

**B41F 13/20** (2006.01); **B41F 13/21** (2006.01); **B41F 13/24** (2006.01); **B41F 13/34** (2006.01)

CPC (source: CN EP US)

**B41F 13/18** (2013.01 - US); **B41F 13/20** (2013.01 - CN EP US); **B41F 13/21** (2013.01 - CN EP US); **B41F 13/24** (2013.01 - CN EP US); **B41F 13/34** (2013.01 - EP US); **B41F 17/00** (2013.01 - US); **B41F 19/008** (2013.01 - CN)

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 3287281 A1 20180228**; **EP 3287281 B1 20190227**; CN 107776181 A 20180309; CN 107776181 B 20201016; DE 102016215988 A1 20180301; US 10449757 B2 20191022; US 2018056642 A1 20180301

DOCDB simple family (application)

**EP 17182468 A 20170721**; CN 201710740732 A 20170825; DE 102016215988 A 20160825; US 201715685724 A 20170824