

Title (en)

Device and method for discharging different processing products on a machine tool

Title (de)

Vorrichtung und Verfahren zum Ausschleusen von verschiedenen Bearbeitungsprodukten an einer Werkzeugmaschine

Title (fr)

Dispositif et procédé d'évacuation de produits de traitement différenciés sur une machine-outil

Publication

EP 2359952 B1 20120912 (DE)

Application

EP 10169041 A 20100709

Priority

EP 10169041 A 20100709

Abstract (en)

[origin: EP2359952A1] The discharge lock has an outward transfer flap which is pivoted for discharging processing products in a discharge position. A partial support (19) of the outward transfer flap has two support areas (22,23,24) that are extended in the discharge direction. The support areas are aligned on various discharge products. Independent claims are also included for the following: (1) a method for processing a work piece; and (2) a computer program product with a code unit.

IPC 8 full level

B21D 43/16 (2006.01); **B21D 43/28** (2006.01); **B21D 45/00** (2006.01); **B23Q 7/12** (2006.01)

CPC (source: EP US)

B21D 43/16 (2013.01 - EP US); **B21D 43/28** (2013.01 - EP US); **B21D 43/282** (2013.01 - EP US); **B21D 43/287** (2013.01 - EP US); **B21D 45/00** (2013.01 - EP US); **B21D 45/003** (2013.01 - EP US); **B21D 45/04** (2013.01 - US); **Y10T 29/50** (2015.01 - EP US)

Cited by

CN102489619A; ITMO20120256A1; FR3039781A1; CN102380792A; DE102018132638A1; WO2014064604A1

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 SE SI SK SM TR

DOCDB simple family (publication)

EP 2359952 A1 20110824; **EP 2359952 B1 20120912**; CN 102328237 A 20120125; CN 102328237 B 20150812; JP 2012016747 A 20120126; JP 6230773 B2 20171115; US 10449593 B2 20191022; US 2012007297 A1 20120112; US 2015328674 A1 20151119; US 2020001346 A1 20200102; US 9126256 B2 20150908

DOCDB simple family (application)

EP 10169041 A 20100709; CN 201110196762 A 20110708; JP 2011152898 A 20110711; US 201113178815 A 20110708; US 201514812215 A 20150729; US 201916570154 A 20190913