

Title (en)

ADEVICE FOR MAKING A GROOVE IN SHEETS OF MATERIAL

Title (de)

VORRICHTUNG ZUM NUTEN VON MATERIALBOGEN

Title (fr)

DISPOSITIF DESTINE AU RAINURAGE DE FEUILLES DE MATERIAU

Publication

EP 3144133 A1 20170322 (DE)

Application

EP 16001922 A 20160902

Priority

DE 102015012228 A 20150918

Abstract (en)

[origin: US2017080587A1] In order to simultaneously cut several parallel grooves into material cuttings at a short distance from one another, the groove cutting machine features a horizontally arranged transport drum and at least one groove cutting tool with several knife sets for respectively cutting a groove, wherein the relative position between the knife sets of a groove cutting tool is variable in the axial direction of the transport drum.

Abstract (de)

Zum gleichzeitigen Schneiden mehrerer in geringem Abstand zueinander paralleler Nuten in Materialzuschnitte wird eine Nutenschneidmaschine vorgeschlagen, welche eine horizontal angeordnete Transporttrommel und wenigstens ein Nutenschneidwerkzeug mit mehreren Messersätzen zum Schneiden jeweils einer Nut aufweist, wobei die relative Position der Messersätze eines Nutenschneidwerkzeuges zueinander in axialer Richtung der Transporttrommel veränderbar ist.

IPC 8 full level

B31B 50/22 (2017.01); **B31B 50/25** (2017.01)

CPC (source: EP US)

B26D 3/065 (2013.01 - EP US); **B26D 3/10** (2013.01 - EP US); **B26D 7/2628** (2013.01 - EP US); **B31B 50/20** (2017.07 - EP US); **B31B 50/22** (2017.07 - EP US); **B31B 50/25** (2017.07 - EP US); **B31F 1/08** (2013.01 - EP US); **B31B 2100/0024** (2017.07 - EP US); **B31B 2110/35** (2017.07 - EP US); **B31B 2120/502** (2017.07 - EP US)

Citation (applicant)

- CN 101200091 B 20100811 - ZILI CHEN
- EP 2727716 A1 20140507 - KOLBUS GMBH & CO KG [DE]
- EP 2684683 A1 20140115 - KOLBUS GMBH & CO KG [DE]

Citation (search report)

- [YD] EP 2727716 A1 20140507 - KOLBUS GMBH & CO KG [DE]
- [Y] US 4083390 A 19780411 - INGHAM ROBERT EDWARD
- [A] CN 202062444 U 201111207 - ZHEJIANG XINWEI MACHINERY CO LTD
- [A] CN 202412794 U 20120905 - RUPENG ZHENG

Cited by

CN110342101A

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 3144133 A1 20170322; CN 106541614 A 20170329; DE 102015012228 A1 20170323; US 2017080587 A1 20170323

DOCDB simple family (application)

EP 16001922 A 20160902; CN 201610803628 A 20160906; DE 102015012228 A 20150918; US 201615267557 A 20160916