

Title (en)  
SCORE LINES COMPRESSION STATION

Title (de)  
RILLINIENPRESSSTATION

Title (fr)  
STATION DE COMPRESSION DE LIGNES FORMANT DES RAINURES

Publication  
**EP 3228446 B1 20181219 (DE)**

Application  
**EP 17158839 A 20170302**

Priority  
DE 102016103933 A 20160304

Abstract (en)  
[origin: CN105946283A] The invention relates to a changeable groove line extrusion stand for a folding box pasting apparatus. The groove line extrusion stand is especially suitable for extruding semi-finished products formed from corrugated cardboards. The invention also provides a method for producing folding boxes with corrugated cardboards by using the groove line extrusion stand according to the invention. The groove line extrusion stand comprises a vertically-movable side face extrusion roller used for extruding semi-finished products folded from groove line areas on the outer sides. Aside from the side face extrusion roller, the extrusion stand also comprises a usable middle extrusion roller pair which comprises middle extrusion rollers on the upper portion and the lower portion and thus can extrude middle areas of folded semi-finished products. With the additional middle extrusion roller pair, folded corrugated cardboard semi-finished products can be extruded in the width direction and after extrusion, the widths of extruded semi-finished products have no thickness differences or only have minor acceptable thickness differences.

IPC 8 full level  
**B31F 1/00** (2006.01); **B65H 45/22** (2006.01)

CPC (source: EP)  
**B31B 50/003** (2017.07); **B31B 70/25** (2017.07); **B31B 70/649** (2017.07); **B31F 1/0035** (2013.01); **B65H 29/125** (2013.01); **B31B 2120/30** (2017.07); **B65H 2301/51232** (2013.01); **B65H 2511/12** (2013.01); **B65H 2511/13** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/224** (2013.01); **B65H 2701/13212** (2013.01); **B65H 2701/1766** (2013.01)

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)  
**DE 102016103933 A1 20170907**; CN 105946283 A 20160921; CN 105946283 B 20180904; CN 205905469 U 20170125; EP 3228446 A1 20171011; EP 3228446 B1 20181219

DOCDB simple family (application)  
**DE 102016103933 A 20160304**; CN 201610446672 A 20160617; CN 201620616374 U 20160617; EP 17158839 A 20170302