

Title (en)

Apparatus for scoring continuously moving flat blanks

Title (de)

Vorrichtung zum Rillen kontinuierlich geförderter, längs Rilllinien zu faltender flacher Werkstücke

Title (fr)

Appareil pour rayer en continue des flans plats

Publication

EP 0752308 B1 20020814 (DE)

Application

EP 96108710 A 19960531

Priority

DE 19524328 A 19950704

Abstract (en)

[origin: EP0752308A2] The scoring tools are fixed to parallel shafts (19,23;20,24). The length of the grooves or pre-fold lines is adjustable by a pack of disc or plate shaped segments close together and supporting the scoring tools. Each shaft holds a cylindrical shell shaped segment (4,4') forming a second scoring tool. The one segment (4) is helical with a ridge (16), and the other segment (4') is helical with a groove (12), interlocking with it. Each of the two cylinder-shell shaped segments of the second scoring tool is joined on an axial end by a radial ridge (17,17') to a hub fixed to the shafts.

IPC 1-7

B31B 1/25; **B31B 29/25**; **B26D 7/26**

IPC 8 full level

B26D 7/26 (2006.01); **B31B 1/22** (2006.01); **B31B 1/25** (2006.01); **B31B 50/22** (2017.01); **B31B 50/25** (2017.01); **B31C 3/02** (2006.01); **B31F 1/08** (2006.01); **B65H 45/30** (2006.01)

CPC (source: EP KR US)

B31B 50/00 (2017.07 - EP US); **B31B 50/254** (2017.07 - KR); **B31B 50/256** (2017.07 - EP KR US); **B31B 50/254** (2017.07 - EP US); **Y10T 83/0385** (2015.04 - EP US); **Y10T 83/4827** (2015.04 - EP US)

Designated contracting state (EPC)

DE IT

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EP 96108710 A 19960531; BR 9602957 A 19960703; CN 96110118 A 19960704; CZ 152996 A 19960527; DE 19524328 A 19950704; DE 59609555 T 19960531; JP 17447896 A 19960704; KR 19960027076 A 19960704; US 66595596 A 19960619