

Title (en)

Method for manufacturing bending lines in a sheet of material and device for executing the method

Title (de)

Verfahren zur Herstellung von Biegelinien in einem Materialbogen sowie Vorrichtung zur Durchführung des Verfahrens

Title (fr)

Procédé de fabrication de lignes de pliage dans une feuille de matériau et dispositif d'exécution du procédé

Publication

EP 2228207 A3 20111130 (DE)

Application

EP 10153408 A 20100212

Priority

DE 102009013117 A 20090313

Abstract (en)

[origin: EP2228207A2] The method involves forming scoring grooves in a material surface. The grooves are laterally limited by two groove walls. Two scarifications are laterally formed in the other surface of a material sheet outside the groove wall, which run parallel to the scoring groove. An independent claim is also included for a device for manufacturing bending lines in a material sheet, particularly in a cardboard sheet.

IPC 8 full level

B31B 50/25 (2017.01); **B31F 1/08** (2006.01)

CPC (source: EP)

B31F 1/08 (2013.01); **B31B 50/252** (2017.07)

Citation (search report)

- [IDA] JP 2006240036 A 20060914 - SAN ENGINEERING KK
- [AD] US 2806413 A 19570917 - CROOKE RAYMOND E

Cited by

CN108064200A; JP2019064195A

Designated contracting state (EPC)

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

Designated extension state (EPC)

AL BA RS

DOCDB simple family (publication)

EP 2228207 A2 20100915; EP 2228207 A3 20111130; EP 2228207 B1 20140618; DE 102009013117 A1 20100923

DOCDB simple family (application)

EP 10153408 A 20100212; DE 102009013117 A 20090313