

Title (en)

The way of producing books in hard covers with rounded corners

Title (de)

Verfahren zur Herstellung von gebundenen Büchern mit gerundeten Ecken

Title (fr)

Manière de production de livres reliés avec des angles arrondis

Publication

EP 2143564 A1 20100113 (EN)

Application

EP 08460031 A 20080710

Priority

EP 08460031 A 20080710

Abstract (en)

The way of production books in hard covers with rounded corners in an example of it's realization is based on that the materials for a block is taken through the printing process (1), and afterwards laminating process (2), while in the producing the cover process (3) using spinning knives, in single sheets of laminated cover material one cuts in four edges profiles in three fingers shape and afterwards in the process of shaping the corners (4) using the machine one simultaneously bows down in the way of wrapping the profiles in the three fingers shape, one presses and finally form through the high temperature the rounded corners and the cover prepared in such way is being connected with the block through the hanging process (5). Before the hanging process (5) the materials for the block is taken through the printing process (6), and afterwards in sequence is taken through a process of folding (7), gathering (8), sewing (9), gluing (10) and cutting (11).

IPC 8 full level

B42C 7/00 (2006.01); **B42D 3/00** (2006.01)

CPC (source: EP)

B42C 7/006 (2013.01); **B42C 7/007** (2013.01); **B42C 19/02** (2013.01); **B42D 3/004** (2013.01)

Citation (search report)

- [A] EP 1702764 A2 20060920 - KOLBUS GMBH & CO KG [DE]
- [A] US 1640918 A 19270830 - AUSTIN GEORGE H
- [A] DE 4129241 A1 19930304 - HOERAUF MICHAEL MASCHF [DE]

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 MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2143564 A1 20100113

DOCDB simple family (application)

EP 08460031 A 20080710