

Title (en)
PRE-HEAT STATION FOR A SHAPING TOOL FOR REFORMING BOOK COVERS

Title (de)
VORWÄRMSTATION FÜR EIN VERFORMUNGSWERKZEUG ZUM VERFORMEN VON BUCHDECKEN

Title (fr)
STATION DE PRÉCHAUFFAGE POUR UN OUTIL DE FAÇONNAGE DE COUVERTURES DE LIVRE

Publication
EP 3235653 A1 20171025 (DE)

Application
EP 17166867 A 20170418

Priority
CH 5332016 A 20160421

Abstract (en)
[origin: JP2017193176A] PROBLEM TO BE SOLVED: To provide a preheating station which is suitable for receiving and preheating shaping tools for shaping a book cover and suitable for reliably identifying the shaping tools required in the preheating station even in the event of frequent task changes. SOLUTION: A preheating station for shaping tools 8 for shaping a folding region of a book cover extending in a lateral direction is provided, the preheating station including receiving spaces 65 for the shaping tools 8, a heating element 71 arranged in a region of the receiving spaces 65, and a temperature sensor 70 connected to the heating element. The preheating station 64 is provided with a control device 80 connected to the heating element 71 and the temperature sensor 70 or is connected to the control device and has the receiving spaces 65 for the shaping tools 8 for the shaping of the book cover. The preheating station 64 further includes sensors 76 which are for detecting identifying feature 62 of the shaping tools 8 received in the preheating station 64 and which are connected to the control device 80. SELECTED DRAWING: Figure 7

Abstract (de)
Die Erfindung betrifft eine Vorwärmstation (64) für ein Verformungswerkzeug (8, 10) zum Verformen liegend ausgestreckter Buchdecken (2). Die Vorwärmstation (64) weist eine mit zumindest einem Heizelement (71) und zumindest einem Temperaturfühler (70) verbundene Steuereinrichtung (80) auf oder ist mit einer solchen verbunden. Die Vorwärmstation (64) besitzt mehrere Aufnahmeplätze (65) für unterschiedliche Verformungswerkzeuge (8, 10) zum Verformen liegend ausgestreckter Buchdecken (2). Zudem weist die Vorwärmstation (64) zumindest einen mit der Steuereinrichtung (80) verbundenen Sensor (76) zur Detektion zumindest eines Identifikationsmerkmals (62) der in die Vorwärmstation (64) aufgenommenen Verformungswerkzeuge (8, 10) auf.

IPC 8 full level
B42C 7/00 (2006.01)

CPC (source: CN EP US)
B42C 7/004 (2013.01 - EP US); **B42C 7/005** (2013.01 - EP US); **B42C 11/04** (2013.01 - CN); **B42C 11/04** (2013.01 - US)

Citation (applicant)
• DE 19853254 A1 20000525 - KOLBUS GMBH & CO KG [DE]
• EP 1350634 A2 20031008 - RATHERT HORST [DE]
• EP 2325020 A1 20110525 - MUELLER MARTINI HOLDING AG [CH]
• EP 2923852 A2 20150930 - KOLBUS GMBH & CO KG [DE]

Citation (search report)
[XDAI] EP 2325020 A1 20110525 - MUELLER MARTINI HOLDING AG [CH]

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

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DOCDB simple family (application)
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