

Title (en)

Method and apparatus for the pressing of print signatures

Title (de)

Verfahren sowie Vorrichtung zum Abpressen von Druckerzeugnissen

Title (fr)

Dispositif et procédé pour l'endossage mécanique des signatures

Publication

EP 1690696 A1 20060816 (DE)

Application

EP 06100691 A 20060123

Priority

DE 102005006773 A 20050215

Abstract (en)

Signatures, or sections (16, 18, 20) are supplied to the conveying and binding line (22) of a gang binder, using loaders (10, 12, 14). The signatures are collected on the line, to form a sheet assembly or stack (30). This is bound together e.g. by stitching or stapling along the line, to produce e.g. a brochure or booklet (32). Still along the line, a press (40) consolidates the spines (31). An independent claim is included for the corresponding binding machine.

IPC 8 full level

B42C 1/12 (2006.01)

CPC (source: EP US)

B42C 1/12 (2013.01 - EP US); **B65H 5/32** (2013.01 - EP US); **B65H 7/02** (2013.01 - EP US); **B65H 39/043** (2013.01 - EP US); **B42C 11/02** (2013.01 - EP US); **B65H 2301/4351** (2013.01 - EP US); **B65H 2301/4381** (2013.01 - EP US); **B65H 2301/51232** (2013.01 - EP US); **B65H 2511/13** (2013.01 - EP US); **B65H 2511/224** (2013.01 - EP US); **B65H 2511/417** (2013.01 - EP US); **B65H 2513/10** (2013.01 - EP US); **B65H 2701/13212** (2013.01 - EP US); **Y10S 412/902** (2013.01 - EP)

Citation (search report)

- [X] US 2004108642 A1 20040610 - STOLZ ROBERT [US], et al
- [DA] EP 1479528 A2 20041124 - WATKISS AUTOMATION LTD [GB]
- [DA] US 6363851 B1 20020402 - GERHARD JAKOB [CH], et al
- [DA] US 2004214706 A1 20041028 - DANNEMANN GEORG [DE], et al

Cited by

EP2165847A1; EP3623163A4; US8033538B2

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1690696 A1 20060816; EP 1690696 B1 20081105; AT E413284 T1 20081115; CN 100564063 C 20091202; CN 1895910 A 20070117; DE 102006003341 A1 20060831; DE 502006001962 D1 20081218; JP 2006224670 A 20060831; US 2006182521 A1 20060817; US 8123447 B2 20120228

DOCDB simple family (application)

EP 06100691 A 20060123; AT 06100691 T 20060123; CN 200610125784 A 20060215; DE 102006003341 A 20060124; DE 502006001962 T 20060123; JP 2006036722 A 20060214; US 35367906 A 20060214