

Title (en)
Punching and binding machine

Title (de)
Stanz- und Bindemaschine

Title (fr)
Machine à perforer et à relier

Publication
EP 1419899 A3 20040609 (DE)

Application
EP 04002079 A 20000727

Priority
• DE 19947257 A 19990930
• EP 00956310 A 20000727

Abstract (en)
[origin: DE19947257A1] The invention relates to a punching and binding machine for stacks of sheets. The machine comprises a punching mechanism (10) which has an insertion gap (12) with adjustable low and lateral stops (112, 66) for the sheets to be punched as well a number of punching blades (45, 56). Individual punching blades (56) are part of a contact blade (54) which can be decoupled from the remaining punching blades. The inventive machine is also provided with a binding mechanism (16) for binding the stack of sheets by using an elastically expandable binding back. In order to simplify the operability of the machine, a setting element is provided for simultaneously actuating an adjusting mechanism for the lateral stop (66), and a coupling mechanism is provided for the contact blade (54). In addition, a measuring device (24) is provided for determining the thickness of the stack of sheets to be bound, and a device which is coupled to said measuring device is provided for adjusting the delimiting stop for the binding mechanism (16) as well as for adjusting the low stop (112) in the insertion gap of the punching mechanism (10) in accordance with the measured thickness of the stack of sheets.

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B42B 5/10

IPC 8 full level
B42B 5/10 (2006.01)

CPC (source: EP)
B42B 5/103 (2013.01)

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• [AD] EP 0864441 A1 19980916 - IBICO AG [CH]
• [AD] US 5827034 A 19981027 - VON ROHRSCHEIDT FRIEDRICH [US]

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DE 19947257 A1 20010405; AU 6830000 A 20010430; CN 1376117 A 20021023; EP 1216158 A1 20020626; EP 1419899 A2 20040519; EP 1419899 A3 20040609; HK 1043568 A1 20020920; WO 0123192 A1 20010405

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