Title (en)

BINDING SYSTEM

Publication

EP 0342957 A3 19901205 (EN)

Application

EP 89304987 A 19890517

Priority

US 19482088 A 19880517

Abstract (en)

[origin: EP0342957A2] A binding system including a method for binding sheets (18) in which a stack (22) of the sheets (18) is shingled to disclose narrow side surface portions (24) along their spine edges (19), a uniform layer (26) of pressure sensitive adhesive is adhered to those spine edges (19) and narrow side surface portions (24) after which the spine edges (19) are moved into alignment at a right angle to the side surfaces of the sheets (18) to re-form the pressure sensitive adhesive along the spines (19) of the sheets (18), and a flexible backing (28) is adhered over the re-formed adhesive along the spine edges (19) and at the side surfaces of the sheets (18) to retain the spine edges (19) of the sheets (18) in that alignment. The system also includes a novel cover assembly (30) which facilitates the method and includes cover plates (31, 45), the layer 26 of pressure sensitive adhesive and the backing (28); and a novel device (14) for holding and positioning the sheets (18) during binding.

IPC 1-7

B42C 9/00

IPC 8 full level

B42C 9/00 (2006.01); **B42C 13/00** (2006.01); **B42D 1/04** (2006.01); **B42D 1/10** (2006.01)

CPC (source: EP)

B42C 9/005 (2013.01); **B42D 1/04** (2013.01)

Citation (search report)

- [X] FR 1126667 A 19561128
- [Y] US 3833244 A 19740903 - HEIMANN E
- [X] EP 0142240 A2 19850522 - MINNESOTA MINING & MFG [US]
- [X] DE 902727 C
- [A] GB 2173449 A 19861015 - MINNESOTA MINING & MFG
- [A] EP 0246852 A2 19871125 - MINNESOTA MINING & MFG [US]
- [A] FR 2189215 A1 19740125 - GEN BINDING CORP [US]

Cited by

US8870228B2; US8702127B2; US8870227B2; US8904932B2

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0342957 A2 19891123; **EP 0342957 A3 19901205**; **EP 0342957 B1 19930901**; CA 1328893 C 19940426; DE 68908770 D1 19931007; DE 68908770 T2 19940324; JP 2656113 B2 19970924; JP H0218094 A 19900122

DOCDB simple family (application)

EP 89304987 A 19890517; CA 599007 A 19890508; DE 68908770 T 19890517; JP 12060589 A 19890516