

Title (en)

A sewing station with retractable needles for a book binding machine

Title (de)

Nähstation mit zurückziehbaren Nadeln für eine Buchbindemaschine

Title (fr)

Station à coudre avec aiguilles retractables pour une machine de reliure de livres

Publication

**EP 1557284 A1 20050727 (EN)**

Application

**EP 04100221 A 20040122**

Priority

EP 04100221 A 20040122

Abstract (en)

A sewing station (130) for a bookbinding machine (100) is proposed. The sewing station includes a plurality of sewing elements (210,215) for sewing stacks of signatures (505) by means of corresponding continuous threads (510a-510c), and driving means (205,230,235) for driving the sewing elements with a reciprocating motion towards a signature (105a,105b) to be sewn; the sewing station of the invention further includes biasing means (435,315) for biasing at least part of the sewing elements individually to an operative position or to a non-operative position, each sewing element in the operative position acting on the signature and each sewing element in the non-operative position not reaching the signature when the sewing element is moved towards the signature. <IMAGE>

IPC 1-7

**B42B 2/02**

IPC 8 full level

**B42B 2/02** (2006.01); **B42B 2/04** (2006.01)

CPC (source: EP)

**B42B 2/04** (2013.01)

Citation (search report)

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- [A] US 3797419 A 19740319 - DEPETRIS L
- [A] GB 621920 A 19490422 - JOHN THOMAS AULD, et al

Cited by

ITMI20100114A1; EP2011664A1; JP2009012476A

Designated contracting state (EPC)

CH DE IT LI

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**EP 1557284 A1 20050727**; **EP 1557284 B1 20060628**; DE 602004001388 D1 20060810; DE 602004001388 T2 20070614

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