

Title (en)
Device for sealing binding thread

Title (de)
Vorrichtung zum Siegeln von Heftfäden

Title (fr)
Dispositif pour sceller le fil de reliure

Publication
EP 1108561 B1 20040506 (DE)

Application
EP 00125258 A 20001124

Priority
DE 19960445 A 19991215

Abstract (en)
[origin: EP1108561A2] A method for improving the heat sealing of the binding threads (12) in a book binding process has the heating element (24) moving at the same speed as the binding sites, in a continuous manufacturing process. The synchronisation of the heating element with the binding site is achieved by one of several methods including; rotating heating rollers, a circulating belt feed, a reciprocating drive for the heating elements etc. The process does not drag the binding material nor does it shear off the binding elements.

IPC 1-7
B42B 4/00

IPC 8 full level
B42B 4/00 (2006.01)

CPC (source: EP US)
B42B 4/00 (2013.01 - EP US); **Y10T 156/1051** (2015.01 - EP US)

Designated contracting state (EPC)
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DOCDB simple family (publication)
EP 1108561 A2 20010620; EP 1108561 A3 20020227; EP 1108561 B1 20040506; AT E265942 T1 20040515; DE 19960445 A1 20010621; DE 50006314 D1 20040609; ES 2220324 T3 20041216; PT 1108561 E 20040930; US 2001011572 A1 20010809

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EP 00125258 A 20001124; AT 00125258 T 20001124; DE 19960445 A 19991215; DE 50006314 T 20001124; ES 00125258 T 20001124; PT 00125258 T 20001124; US 73809600 A 20001216