

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)  
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

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

DOCDB simple family (application)  
**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