

Title (en)  
Binder.

Title (de)  
Bindegerät.

Title (fr)  
Relieur.

Publication  
**EP 0396037 B1 19941109 (DE)**

Application  
**EP 90108043 A 19900427**

Priority  
DE 3914571 A 19890503

Abstract (en)  
[origin: EP0396037A2] A binder for binding loose leaves in book covers, which are provided on their cover back with a strip of melt adhesive, has a frame structure and two parallel support walls which form between them an insertion shaft for inserting the book covers filled with the leaves, which insertion shaft is bounded at the bottom during the binding operation by a heating plate. Furthermore, the binder has a deposit surface for depositing the finished bound folder units made of the book cover and the leaves. In order that the cooling of the finished bound unit made of the book cover and the leaves can be effected in a simple manner, the heating plate (15) and the deposit surface (18) are mounted movably in the frame structure (4) in such a way that they can be moved alternately into the region of the insertion shaft (8) and out of said region. <IMAGE>

IPC 1-7  
**B42C 9/00**

IPC 8 full level  
**B42C 11/06** (2006.01); **B42C 9/00** (2006.01)

CPC (source: EP US)  
**B42C 9/0056** (2013.01 - EP US); **Y10S 156/908** (2013.01 - EP US); **Y10S 412/90** (2013.01 - EP US); **Y10S 412/902** (2013.01 - EP US)

Citation (examination)

- US 3788921 A 19740129 - POLIT N, et al
- US 4150453 A 19790424 - VAUGHN WADE [US]

Cited by  
CN105479968A; US5102277A; WO9104159A1

Designated contracting state (EPC)  
AT BE CH DE DK ES FR GB GR IT LI NL SE

DOCDB simple family (publication)  
**EP 0396037 A2 19901107; EP 0396037 A3 19910508; EP 0396037 B1 19941109**; AT E113904 T1 19941115; CA 2015855 A1 19901103; DE 3914571 A1 19901108; DE 3914571 C2 19920102; DE 59007667 D1 19941215; ES 2064518 T3 19950201; JP H032097 A 19910108; US 5160234 A 19921103

DOCDB simple family (application)  
**EP 90108043 A 19900427**; AT 90108043 T 19900427; CA 2015855 A 19900501; DE 3914571 A 19890503; DE 59007667 T 19900427; ES 90108043 T 19900427; JP 11532990 A 19900502; US 51771590 A 19900502