

Title (en)  
Hand-operator binder with punch mechanism

Title (de)  
Handvorrichtung zum Binden mit Stanzvorrichtung

Title (fr)  
Dispositif manuel de reliure avec mécanisme de poinçonnage

Publication  
**EP 0908327 A2 19990414 (EN)**

Application  
**EP 98118896 A 19981007**

Priority  
KR 19970051471 A 19971007

Abstract (en)  
A hand- operated binder comprising : a base (100) having a pair of snaps and a pair of support projections disposed on one end of an upper surface of THE base with a spaced and opposed relationship ; a jig table (400) having a generally planar upper surface and a pair of side surfaces extending downward from the planar upper surface, the jig table moving back and forth in a sliding contact with said base ; a punch mechanism having a ram and a pair of cylindrical guide bars each disposed near the respective support projections, the ram having a pair of spaced punch pins arranged in parallel at opposed positions ; a handle having a planar portion for exerting a force and a pair of plate members extending from the planar portion, each end of the plate members being pivotally connected to the respective support projections by a pin, each plate member being also pivotally connected to the ram by another pin ; a pair of hammers (500) connected to the handle to travel downward and upward ; a clamp (410) having a suppressing portion for suppressing the document ; and a position aligning means disposed in the jig table (400) having a pair of sliding bars and end uprights, teeth formed in the sliding bars, and a pinion.

IPC 1-7  
**B42B 5/02**

IPC 8 full level  
**B26F 1/32** (2006.01); **B42B 5/02** (2006.01); **B42F 13/40** (2006.01)

CPC (source: EP KR)  
**B42B 5/02** (2013.01 - EP); **B42F 13/40** (2013.01 - KR)

Cited by  
CN108327417A; CN112123440A; CN113524941A; CN115302967A; US7610838B2

Designated contracting state (EPC)  
BE DE ES FR GB IT

DOCDB simple family (publication)  
**EP 0908327 A2 19990414**; **EP 0908327 A3 19990519**; BR 9804170 A 19991207; CN 1079743 C 20020227; CN 1213615 A 19990414; JP 3072625 B2 20000731; JP H11208143 A 19990803; KR 100242866 B1 20000201; KR 19990030968 A 19990506

DOCDB simple family (application)  
**EP 98118896 A 19981007**; BR 9804170 A 19981007; CN 98120926 A 19981007; JP 28568498 A 19981007; KR 19970051471 A 19971007