

Title (en)

Device for notching a compressed block of printed sheets for a book

Title (de)

Vorrichtung zum Kerben eines aus zusammengepressten Druckbogen gebildeten Buchblockrückens

Title (fr)

Dispositif pour rogner un bloc de feuilles imprimées et comprimées pour un livre

Publication

**EP 1382461 B1 20060426 (DE)**

Application

**EP 02405627 A 20020719**

Priority

EP 02405627 A 20020719

Abstract (en)

[origin: EP1382461A1] Device for scoring the spine (1) of an inner book (2) formed by printed sheets pressed together comprises a scoring tool rotating perpendicularly about an axis of rotation (6) and having cutting teeth (5) protruding from a support (3) which cut into the spine of the inner book on passing the inner book on the conveying path of an adhesive binding device to produce curved notches in the spine. The support has at least two cutting teeth lying opposite the axis of rotation and oriented at an acute angle (beta) to a cutting circle plane (20). The cutting teeth are held in recesses (7, 8) in the support so that they protrude over different distances.

IPC 8 full level

**B42C 5/00** (2006.01); **B42C 5/04** (2006.01); **B42C 11/04** (2006.01)

CPC (source: EP US)

**B42C 5/04** (2013.01 - EP US); **Y10T 83/9391** (2015.04 - EP US)

Cited by

US2023137059A1; US11667143B2

Designated contracting state (EPC)

CH DE FR GB IT LI

DOCDB simple family (publication)

**EP 1382461 A1 20040121**; **EP 1382461 B1 20060426**; DE 50206573 D1 20060601; JP 2004050848 A 20040219; US 2004016335 A1 20040129

DOCDB simple family (application)

**EP 02405627 A 20020719**; DE 50206573 T 20020719; JP 2003277184 A 20030718; US 62146603 A 20030718