

Title (en)  
Notch forming apparatus, bookbinding apparatus and bookbinding system

Title (de)  
Kerbenbildende Vorrichtung, Buchbindevorrichtung und Buchbindesystem

Title (fr)  
Appareil de formation d'encoches, appareil et système de reliure

Publication  
**EP 2123411 A3 20100623 (EN)**

Application  
**EP 09160019 A 20090512**

Priority  
JP 2008131697 A 20080520

Abstract (en)  
[origin: EP2123411A2] A control section of a notch forming apparatus shifts a position of a notch in the first direction for every single sheet or for every plural sheets. When number of the sheets on which the notch is formed reaches at a criterion number, the position of the notch is shifted to a second direction which is an opposite direction in respect to the first direction.

IPC 8 full level  
**B26D 5/02** (2006.01); **B26F 1/12** (2006.01); **B42C 5/04** (2006.01); **B26D 3/14** (2006.01); **B26D 5/00** (2006.01); **B26D 5/14** (2006.01); **B26D 7/26** (2006.01)

CPC (source: EP US)  
**B26D 5/02** (2013.01 - EP US); **B26F 1/12** (2013.01 - EP US); **B42C 5/04** (2013.01 - EP US); **G03G 15/6544** (2013.01 - EP US); **B26D 3/14** (2013.01 - EP US); **B26D 5/00** (2013.01 - EP US); **B26D 5/14** (2013.01 - EP US); **B26D 7/2628** (2013.01 - EP US); **B42C 9/0025** (2013.01 - EP US); **G03G 2215/00426** (2013.01 - EP US); **G03G 2215/00822** (2013.01 - EP US); **G03G 2215/00936** (2013.01 - EP US)

Citation (search report)  
• [AD] JP 2007062145 A 20070315 - KONICA MINOLTA BUSINESS TECH & EP 1759870 A2 20070307 - KONICA MINOLTA BUSINESS TECH [JP]  
• [A] US 4741236 A 19880503 - AVERILL JAMES S [US]

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO SE SI SK TR

DOCDB simple family (publication)  
**EP 2123411 A2 20091125; EP 2123411 A3 20100623; EP 2123411 B1 20110928**; AT E526129 T1 20111015; CN 101585271 A 20091125; CN 101585271 B 20111207; JP 2009279776 A 20091203; US 2009290959 A1 20091126

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