

Title (en)  
Binding processing apparatus and image forming system

Title (de)  
Bindungsverarbeitungsvorrichtung und Bilderzeugungssystem

Title (fr)  
Appareil de traitement de liaison et appareil de formation d'images

Publication  
**EP 2774881 A3 20141217 (EN)**

Application  
**EP 14152650 A 20140127**

Priority  
• JP 2013027006 A 20130214  
• JP 2013049872 A 20130313  
• JP 2013228007 A 20131101

Abstract (en)  
[origin: EP2774881A2] A binding processing apparatus (100; 360) performs binding processing on a sheet bundle, and includes: a stacking unit (1; 361) configured to stack multiple sheets (S), as the sheet bundle, in a state where toner is fixed to a part or all of a region which becomes a binding margin portion; a pressurizing unit (5; 366; 392) configured to sandwich and pressurize the binding margin portion; a heating unit (2; 372, 373; 391) configured to heat the toner in the binding margin portion in a state where the binding margin portion is pressurized by the pressurizing unit (5; 366; 392); and a cooling unit (3; 364, 365) configured to cool the sheets (S) so that the heat of the binding margin portion does not diffuse to another portion of the sheets (S) when the heating unit (2; 372, 373; 391) heats the binding margin portion

IPC 8 full level  
**B42C 9/00** (2006.01); **G03G 15/00** (2006.01)

CPC (source: EP)  
**B42C 9/0093** (2013.01); **G03G 15/6544** (2013.01); **G03G 2215/00835** (2013.01)

Citation (search report)  
• [XAI] US 2001038782 A1 20011108 - BOSS ROLAND [MX]  
• [A] US 2011286779 A1 20111124 - KWARTA BRIAN J [US], et al  
• [A] US 2002163175 A1 20021107 - MENDOZA GABRIEL [US], et al

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SE1751073A1

Designated contracting state (EPC)  
AL 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 RS SE SI SK SM TR

Designated extension state (EPC)  
BA ME

DOCDB simple family (publication)  
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