

Title (en)  
SHEET POST-PROCESSING APPARATUS AND SHEET BINDING PROCESSING METHOD

Title (de)  
BLATTNACHBEARBEITUNGSVORRICHTUNG UND BLATTBINDUNGSBEARBEITUNGSVERFAHREN

Title (fr)  
APPAREIL ET PROCÉDÉ DE POST-TRAITEMENT DE FEUILLE ET DE PLIAGE DE FEUILLE

Publication  
**EP 3236319 A3 20180124 (EN)**

Application  
**EP 17160237 A 20170310**

Priority  
JP 2016085198 A 20160421

Abstract (en)  
[origin: EP3236319A2] A sheet post-processing apparatus includes a first sensor, a second sensor and a controller. The first sensor detects whether or not a staple for performing a binding processing is prepared in a stapler. The second sensor detects that an amount of the staples held by the stapler has become not more than a prescribed amount. The controller judges whether or not to transfer an operation mode of the sheet post-processing apparatus to a first operation mode to perform the binding processing by the stapler to the sheets to be manually fed, based on a detection result of the second sensor, and judges whether or not to perform the binding processing by the stapler, based on a detection result of the first sensor, after having transferred the operation mode to the first operation mode.

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

CPC (source: CN EP US)  
**B65H 37/04** (2013.01 - CN US); **B65H 43/00** (2013.01 - US); **G03G 15/6541** (2013.01 - EP US); **G03G 15/6544** (2013.01 - EP US); **G03G 15/6582** (2013.01 - EP US); **B65H 2301/51611** (2013.01 - US); **B65H 2701/19** (2013.01 - CN); **B65H 2801/27** (2013.01 - US); **G03G 2215/00827** (2013.01 - EP US)

Citation (search report)

- [X] US 5762329 A 19980609 - NAKAZATO TAKASHI [JP], et al
- [A] US 5573233 A 19961112 - HIRAI KATSUAKI [JP], et al
- [A] US 5187534 A 19930216 - IWATA YASUHIRO [JP], et al

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)  
**EP 3236319 A2 20171025; EP 3236319 A3 20180124**; CN 107304011 A 20171031; JP 2017193416 A 20171026; US 2017305707 A1 20171026

DOCDB simple family (application)  
**EP 17160237 A 20170310**; CN 201710139562 A 20170309; JP 2016085198 A 20160421; US 201715427551 A 20170208