

Title (en)  
PAPER SHEET PROCESSING APPARATUS

Title (de)  
PAPIERBLATTVERARBEITUNGSVORRICHTUNG

Title (fr)  
APPAREIL DE TRAITEMENT DE FEUILLES DE PAPIER

Publication  
**EP 3718938 A4 20211208 (EN)**

Application  
**EP 17933591 A 20171130**

Priority  
JP 2017043206 W 20171130

Abstract (en)  
[origin: US2020255240A1] A paper sheet processing apparatus including a plurality of transport units connected in a transport direction to which a paper sheet is transported, each of the plurality of transport units including a paper sheet detection sensor configured to detect presence/absence of the paper sheet, a transport mechanism configured to transport the paper sheet, driving means configured to drive the transport mechanism, and a controller unit configured to control the driving means, wherein the controller unit controls the driving means so that the paper sheet is transported by the transport mechanism based on a detection result of the paper sheet detection sensor.

IPC 8 full level  
**B65H 5/02** (2006.01); **B65H 5/06** (2006.01); **B65H 7/14** (2006.01); **B65H 9/00** (2006.01); **B65H 29/12** (2006.01); **B65H 43/02** (2006.01); **B65H 43/08** (2006.01); **G07D 7/17** (2016.01); **G07D 11/16** (2019.01)

CPC (source: EP US)  
**B65H 5/02** (2013.01 - US); **B65H 5/023** (2013.01 - EP US); **B65H 5/06** (2013.01 - US); **B65H 5/062** (2013.01 - EP); **B65H 7/02** (2013.01 - US); **B65H 7/06** (2013.01 - US); **B65H 7/14** (2013.01 - EP US); **B65H 7/20** (2013.01 - US); **B65H 9/002** (2013.01 - EP); **B65H 29/125** (2013.01 - EP); **B65H 43/02** (2013.01 - EP); **B65H 43/08** (2013.01 - EP); **G07D 7/17** (2017.04 - EP); **G07D 11/16** (2018.12 - EP); **B65H 2301/331** (2013.01 - EP); **B65H 2402/10** (2013.01 - EP); **B65H 2511/24** (2013.01 - EP); **B65H 2511/51** (2013.01 - EP); **B65H 2553/412** (2013.01 - EP); **B65H 2553/414** (2013.01 - EP US); **B65H 2553/416** (2013.01 - EP US); **B65H 2701/1912** (2013.01 - EP)

Citation (search report)

- [XAI] EP 0377331 A2 19900711 - PITNEY BOWES INC [US]
- [A] EP 1445223 A1 20040811 - XEROX CORP [US]
- See references of WO 2019106818A1

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

DOCDB simple family (publication)  
**US 2020255240 A1 20200813**; CN 111372879 A 20200703; EP 3718938 A1 20201007; EP 3718938 A4 20211208; JP 6750130 B2 20200902; JP WO2019106818 A1 20200409; WO 2019106818 A1 20190606

DOCDB simple family (application)  
**US 202016860206 A 20200428**; CN 201780097014 A 20171130; EP 17933591 A 20171130; JP 2017043206 W 20171130; JP 2019556504 A 20171130