

Title (en)  
PAPER SHEET GATHERING DEVICE

Title (de)  
PAPIERBLATTSAMMELVORRICHTUNG

Title (fr)  
DISPOSITIF D'ACCUMULATION POUR FEUILLES DU PAPIER

Publication  
**EP 2851321 A1 20150325 (EN)**

Application  
**EP 13790159 A 20130326**

Priority  
• CN 201210153172 A 20120517  
• CN 2013073169 W 20130326

Abstract (en)  
An accumulation device for paper-like sheets comprises a conveying part, a clamping part, a guiding part and an accumulating part, which are connected serially. The conveying part is used for conveying the paper-like sheet to the clamping part. The clamping part comprises a drive shaft and multiple banknote-stacking wheels fixed to the drive shaft, and every banknote-stacking wheel is provided with multiple wheel blades having the same curvature. The paper-like sheet can be clamped between any two adjacent wheel blades and rotatably conveyed to the guiding part. The guiding part receives the paper-like sheet conveyed by the clamping part and guides the paper-like sheet to the accumulating part. The accumulating part is used for accumulating the paper-like sheet conveyed by the guide part. The paper-like sheets are reliably collected among the wheel blades and prevented from scattering, and thus the paper-like sheets can be uniformly arranged in order and stacked on the accumulating part.

IPC 8 full level  
**B65H 29/70** (2006.01); **B65H 29/40** (2006.01); **B65H 31/02** (2006.01)

CPC (source: EP US)  
**B65H 29/22** (2013.01 - US); **B65H 29/40** (2013.01 - EP US); **B65H 29/70** (2013.01 - EP US); **B65H 31/02** (2013.01 - EP US); **B65H 39/065** (2013.01 - US); **B65H 2220/09** (2013.01 - EP); **B65H 2301/4214** (2013.01 - EP US); **B65H 2301/51214** (2013.01 - EP US); **B65H 2404/655** (2013.01 - EP US); **B65H 2408/10** (2013.01 - US); **B65H 2701/1912** (2013.01 - EP US)

C-Set (source: EP US)  
1. **B65H 2404/654 + B65H 2220/09**  
2. **B65H 29/40 + B65H 2220/09**

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)  
**US 2014327206 A1 20141106**; AU 2013262326 A1 20140529; AU 2013262326 B2 20150820; CL 2014001271 A1 20140905; CN 102658991 A 20120912; CN 102658991 B 20141231; EP 2851321 A1 20150325; EP 2851321 A4 20160525; EP 2851321 B1 20170621; IN 909MUN2014 A 20150417; WO 2013170661 A1 20131121; ZA 201403546 B 20150729

DOCDB simple family (application)  
**US 201314353540 A 20130326**; AU 2013262326 A 20130326; CL 2014001271 A 20140514; CN 201210153172 A 20120517; CN 2013073169 W 20130326; EP 13790159 A 20130326; IN 909MUN2014 A 20140514; ZA 201403546 A 20140515