

Title (en)  
SHEET-TYPE MEDIUM STACKING DEVICE

Title (de)  
VORRICHTUNG ZUM STAPELN VON BLATTARTIGEN MEDIEN

Title (fr)  
DISPOSITIF D'EMPILEMENT DE SUPPORT DE TYPE FEUILLE

Publication  
**EP 2919206 B1 20180509 (EN)**

Application  
**EP 13853049 A 20130703**

Priority  
• CN 201210447728 A 20121109  
• CN 2013078732 W 20130703

Abstract (en)  
[origin: EP2919206A1] A sheet-type medium processing technique, in particular a piece-by-piece end-aligning and stacking device for a paper medium, the device comprising a conveying mechanism for a single sheet of paper medium, an upper conveyer belt (153), an arc-shaped stacking plate (18, 19, 25), a movable blocking mechanism (20), a sensor device (17), and a control portion; at least one pair of convex ribs are formed on the two sides of the upper conveyer belt (153) on a section of the arc-shaped surface of the arc-shaped stacking board (18, 19, 25) near the conveying mechanism; the convex ribs have a width smaller than the minimum dimension of the paper medium in a direction perpendicular to the conveying direction. By adding convex ribs on the two sides of the arc-shaped stacking plate (18, 19, 25) corresponding to the position of the upper conveyer belt (153), the paper medium to be clamped and conveyed forms a V-shape, greatly increasing the rigidity of the paper medium, thus effectively solving the problem of blockage due to the presence of slit at the end of the paper medium, and also solving the problem of blockage caused by soft and old medium folding and arching up.

IPC 8 full level  
**G07D 11/00** (2006.01); **B65H 5/02** (2006.01); **B65H 5/26** (2006.01); **B65H 29/18** (2006.01); **B65H 29/52** (2006.01); **B65H 29/70** (2006.01); **B65H 31/02** (2006.01); **B65H 31/30** (2006.01); **B65H 31/36** (2006.01)

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