

Title (en)  
Device for piling paper sheets

Title (de)  
Vorrichtung zum Ansammeln von Papierbogen

Title (fr)  
Dispositif pour empiler des feuilles de papier

Publication  
**EP 0612682 B2 20000112 (DE)**

Application  
**EP 94102118 A 19940211**

Priority  
DE 4305579 A 19930224

Abstract (en)  
[origin: EP0612682A1] The invention relates to a stacking device for piling paper sheets with upper belts conveying into a pile delivery. The aim is to make the device more reliable in the pile formation for high conveying speeds in a simplified construction. This is achieved in that the lower strands of the upper belts (23) transporting the sheets (26) are returned in front of the stop face of a front aligner (21) around a relatively sharp-edged belt deflection (29), the sheets being deflected downwards in the region of the belt deflection by fenders or stop plates (37 or 48) running at an acute angle to the conveying plane of the sheets and having openings (38) for the upper belts. In this way, the paper sheets are secured against curving up at their leading edge even at high conveying speeds, and a satisfactory pile is formed. <IMAGE>

IPC 1-7  
**B65H 31/36**

IPC 8 full level  
**B65H 29/14** (2006.01); **B65H 29/36** (2006.01); **B65H 31/36** (2006.01)

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**B65H 29/14** (2013.01 - EP US); **B65H 31/36** (2013.01 - EP US); **B65H 2511/10** (2013.01 - EP US)

Citation (opposition)  
Opponent :

- DE 4139888 A1 19930609
- US 3729188 A 19730424 - STEPHENSON P
- US 5064185 A 19911112 - RICCIARDI MARIO [US]
- DE 2508745 C2 19850718

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CH DE ES FR GB IT LI SE

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