

Title (en)  
Apparatus for use in handling signatures.

Title (de)  
Apparat zur Behandlung von Lagen.

Title (fr)  
Appareil pour la manutention de cahiers.

Publication  
**EP 0626330 A3 19950208 (EN)**

Application  
**EP 94104246 A 19940318**

Priority  
US 6690193 A 19930524

Abstract (en)  
[origin: EP0626330A2] A stacker assembly receives signatures. A jogger assembly engages signatures supported by the stacker assembly to align edge portions of the signatures. A turntable receives the signatures from the stacker assembly and rotates the signatures to offset relatively thick folded edge portions of the signatures. A conveyor assembly pushes a stack of signatures from the turntable to a tying station in a strapper assembly. The conveyor assembly presses a leading end portion of a stack of signatures against registration surfaces in the strapper assembly to position the main stack of signatures relative to the tying station. A pusher element presses against a trailing end of the stack of signatures to press a leading end of the stack of signatures against the registration surfaces in the strapper assembly and to ensure that the trailing edge portions of the signatures are aligned. The strapper assembly is operable to tie a band around the stack of signatures. The conveyor assembly is then operated to push the bound stack of signatures away from the strapper assembly. <IMAGE>

IPC 1-7  
**B65H 31/30**

IPC 8 full level  
**B65H 31/30** (2006.01)

CPC (source: EP)  
**B65H 31/3081** (2013.01); **B65H 2301/42112** (2013.01); **B65H 2301/42266** (2013.01); **B65H 2402/351** (2013.01)

Citation (search report)  
• [XY] FR 1498021 A 19671013 - BUNN CO B  
• [AYX] GB 2165224 A 19860409 - GRAPHIA HOLDING AG  
• [A] DE 3816239 A1 19881124 - ROM SRL [IT]  
• [A] US 3260191 A 19660712 - PIERSON EDWARD D, et al  
• [A] US 2964160 A 19601213 - RICHARD POWERS  
• [A] CH 645857 A5 19841031 - FERAG AG [CH]  
• [DA] US 4611533 A 19860916 - MIASKOFF LEONARD [US], et al

Cited by  
EP2192067A1; EP0919501A3; EP0829441A1; US6074161A; EP1844864A3; FR2899877A1; US6149149A; EP0895954A3; US8356967B2; US8573920B2; US7926242B2; US8978870B2; WO2012038013A1

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