

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 A2 19941130 (EN)

Application
EP 94104246 A 19940318

Priority
US 6690193 A 19930524

Abstract (en)
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>

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IPC 8 full level
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CPC (source: EP)
B65H 31/3081 (2013.01); **B65H 2301/42112** (2013.01); **B65H 2301/42266** (2013.01); **B65H 2402/351** (2013.01)

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

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