

Title (en)
Device for automatically changing piles

Title (de)
Vorrichtung zum automatischen Stapelwechsel

Title (fr)
Dispositif pour le changement automatique de piles

Publication
EP 1155999 A2 20011121 (DE)

Application
EP 01110016 A 20010426

Priority
DE 10023914 A 20000517

Abstract (en)
The device has a sheet feeder and a non-stop device with bearer rods for temporarily carrying a residual stack while the stack is being processed by a separating device. A control arrangement monitors rod insertion and/or retraction movements. The rods have a common sensing arrangement that they contact at least when inserted. At least one sensor detects the position of the sensing arrangement relative to the non-stop device. The device has a sheet feeder and a non-stop device with bearer rods (7) for temporarily carrying a residual stack while the residual stack is being continuously processed by a separating device. The bearer rods can be moved into the stack area of the sheet feeder and out again by one or more drives for stack changing in the non-stop device and are held in guide arrangements. A control arrangement monitors the insertion and/or retraction movements of the rods. The rods are driven individually and have a common sensing arrangement that they contact at least in the inserted position. At least one sensor detects the position of the sensing arrangement relative to the non-stop device.

Abstract (de)
In einer Non-Stop-Einrichtung 3 eines Bogenanlegers 2 für eine bogenverarbeitende Maschine 1 sind längsverschiebbare Tragstäbe 7 angeordnet, um zeitweise einen Reststapel für einen Stapelwechsel zu tragen. Zur sicheren Überwachung der Positionierung und Bewegung der Tragstäbe 7 und für deren Führung ist eine Tastschiene 30 vorgesehen. Diese Tastschiene 30 ist den Tragstäben 7 gemeinsam zugeordnet und in einem Rahmen 6 der Non-Stop-Einrichtung 3 verschiebbar. Die Position der Tragstäbe 7 ist in der Relativlage zur Non-Stop-Einrichtung 3 mittels der Tastschiene 30 überwachbar. <IMAGE>

IPC 1-7
B65H 31/32

IPC 8 full level
B65H 1/30 (2006.01); **B65H 31/32** (2006.01)

CPC (source: EP)
B65H 1/263 (2013.01); **B65H 7/02** (2013.01); **B65H 2405/323** (2013.01); **B65H 2405/3231** (2013.01); **B65H 2511/20** (2013.01); **B65H 2511/51** (2013.01); **B65H 2801/21** (2013.01)

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