

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 A3 20020828 (DE)

Application
EP 01110016 A 20010426

Priority
DE 10023914 A 20000517

Abstract (en)
[origin: EP1155999A2] 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.

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)

C-Set (source: EP)
1. **B65H 2511/20** + **B65H 2220/01** + **B65H 2220/11**
2. **B65H 2511/51** + **B65H 2220/03**

Citation (search report)
• [X] EP 0953528 A1 19991103 - ROLAND MAN DRUCKMASCH [DE]
• [Y] DE 4203500 A1 19930812 - ROLAND MAN DRUCKMASCH [DE]
• [DY] DE 1095297 B 19601222 - MABEG MASCHB G M B H NACHF HEN
• [A] DE 4421487 C1 19950524 - ROLAND MAN DRUCKMASCH [DE]
• [PA] DE 19941918 C1 20001109 - ROLAND MAN DRUCKMASCH [DE]
• [A] US 3975011 A 19760817 - MARASS JOSEF

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE TR

DOCDB simple family (publication)
EP 1155999 A2 20011121; **EP 1155999 A3 20020828**; **EP 1155999 B1 20050119**; AT E287371 T1 20050215; DE 10023914 A1 20011122; DE 10023914 B4 20040219; DE 50105096 D1 20050224; JP 2001335164 A 20011204; JP 3457291 B2 20031014

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