

Title (en)

Pile lifting drive for a sheet processing machine

Title (de)

Stapelhubantrieb für eine bogenverarbeitende Maschine

Title (fr)

Entraînement de levage de piles pour une machine de traitement de feuilles

Publication

**EP 0799784 A3 19980128 (DE)**

Application

**EP 97104464 A 19970315**

Priority

DE 19613287 A 19960403

Abstract (en)

[origin: EP0799784A2] The height at the loading or unloading station of is governed by a hoisted stack platform driven by an electric motor which also positions an angle-sensing arrangement which in turn controls the rate of travel of the platform. A platform carrier (1), supporting the stack of sheets (2), is lifted and lowered by means of chains (3) wound on a drum (4) rotated in either direction by a motor (6) and gearbox (5). Another gearbox (8) turns an angular position sensor (9) connected to a pair of evaluating units (10.1,10.2). An input control unit (11) sends signals to the motor control unit (7) and a monitor unit (12) which together control the rotation of the drive motor.

IPC 1-7

**B65H 1/18**; B65H 31/18

IPC 8 full level

**B65H 1/14** (2006.01); **B65H 1/18** (2006.01); **B65H 31/18** (2006.01)

CPC (source: EP)

**B65H 1/14** (2013.01); **B65H 31/18** (2013.01); **B65H 2511/20** (2013.01); **B65H 2553/51** (2013.01); **B65H 2801/21** (2013.01)

C-Set (source: EP)

**B65H 2511/20** + **B65H 2220/03** + **B65H 2220/11**

Citation (search report)

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- [A] US 4228396 A 19801014 - PALOMBO GASTON A, et al
- [T] EP 0799784 A2 19971008 - ROLAND MAN DRUCKMASCH [DE]
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EP0799784A3; EP0799783A3; EP0799785A3; CN104181862A; DE10043812B4; CN108726247A

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**EP 0799784 A2 19971008**; **EP 0799784 A3 19980128**; **EP 0799784 B1 19990714**; AT E182122 T1 19990715; DE 19613287 A1 19971009; DE 19613287 C2 19990304; DE 59700253 D1 19990819

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