

Title (en)

Device for aligning, pressing and ejecting packets of loose stacked printed products

Title (de)

Vorrichtung zum Ausrichten, Abpressen und Ausstossen von Paketen lose gestapelter Druckerzeugnisse

Title (fr)

Dispositif pour aligner, presser et éjecter des paquets de produits d'imprimerie mobiles empilés

Publication

EP 0919501 B2 20070328 (DE)

Application

EP 98122402 A 19981125

Priority

DE 19752262 A 19971126

Abstract (en)

[origin: EP0919501A2] The packaging device has a loose stack (1) of printed items, received from a feed conveyor (2), aligned on a packaging table (3) via a series of alignment plates (4,5), before compression via a compression device (6) and ejection via an ejection device (7) with at least two ejection arms (9a,9b,9c), periodically moved in an endless path (8). Electrostatic electrodes for charging the handled stack may be associated with the alignment plates (4,5) and the compression device (6).

IPC 8 full level

B65H 31/30 (2006.01); **B65H 31/34** (2006.01); **B65H 31/40** (2006.01)

CPC (source: EP)

B65H 31/40 (2013.01); **B65H 2301/4223** (2013.01)

Citation (opposition)

Opponent :

- DE 29506231 U1 19950622 - SEGBERT GMBH & CO KG [DE]
- DE 3811363 A1 19891026 - DESTA MASCHINENBAU GMBH [DE]
- US 3532230 A 19701006 - GUTBERLET ROBERT C, et al
- US 3568815 A 19710309 - WISEMAN RAYMOND L
- US 4103785 A 19780801 - WISEMAN RAYMOND L
- US 5338149 A 19940816 - WISEMAN RAYMOND [US]

Cited by

EP1167262A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 0919501 A2 19990602; **EP 0919501 A3 20000816**; **EP 0919501 B1 20020605**; **EP 0919501 B2 20070328**; AT E218497 T1 20020615; DE 19752262 A1 19990527; DE 59804302 D1 20020711; DK 0919501 T3 20020701; DK 0919501 T4 20070423; ES 2175594 T3 20021116; ES 2175594 T5 20070916; PT 919501 E 20021031

DOCDB simple family (application)

EP 98122402 A 19981125; AT 98122402 T 19981125; DE 19752262 A 19971126; DE 59804302 T 19981125; DK 98122402 T 19981125; ES 98122402 T 19981125; PT 98122402 T 19981125