

Title (en)
LAMINATION TAKE-OUT DEVICE

Title (de)
VORRICHTUNG ZUR ENTNAHME VON KASCHIERUNGEN

Title (fr)
DISPOSITIF DE RETRAIT D'UNE STRATE

Publication
EP 1101719 A4 20030625 (EN)

Application
EP 00931595 A 20000526

Priority

- JP 0003432 W 20000526
- JP 14857599 A 19990527
- JP 2000143926 A 20000516

Abstract (en)
[origin: EP1101719A1] Press plates (4) and slip sheets (5) are alternately stacked in a storage part (30). A slip sheet pad unit is provided with a double sheet taking prevention mechanism comprising a suction cup (231) and a contact plate (264). When the slip sheet pad unit lowers, the contact plate comes into contact with the slip sheet in advance of the suction cup, and separates part of the slip sheet from the press plate while rotating. Then, the suction cup is pressed against this separated part. The suction cup sucks/fixes the slip sheet previously separated from the press plate and hence will not simultaneously suck the press plate under the same. <IMAGE>

IPC 1-7
B65H 3/00; **B65H 41/00**

IPC 8 full level
B65H 3/08 (2006.01); **B65H 3/54** (2006.01)

CPC (source: EP)
B65H 3/0816 (2013.01); **B65H 2301/22** (2013.01); **B65H 2301/4234** (2013.01); **B65H 2301/5121** (2013.01); **B65H 2701/18264** (2013.01); **B65H 2701/1928** (2013.01)

Citation (search report)

- [X] DE 512137 C 19301108 - HARRIS SEYBOLD POTTER CO
- [X] US 2950913 A 19600830 - STAINES ALFRED J
- [A] EP 0835832 A2 19980415 - CANON KK [JP]
- [A] US 3989237 A 19761102 - GOFF JR WILLIE, et al
- [A] US 5427365 A 19950627 - TORISAWA NOBUYUKI [JP]
- [A] US 3866901 A 19750218 - BROCK JOHN L
- See references of WO 0073183A1

Cited by
CN107161739A

Designated contracting state (EPC)
DE FR GB

DOCDB simple family (publication)
EP 1101719 A1 20010523; **EP 1101719 A4 20030625**; JP 2001039568 A 20010213; WO 0073183 A1 20001207

DOCDB simple family (application)
EP 00931595 A 20000526; JP 0003432 W 20000526; JP 2000143926 A 20000516