Title (en)
Device for transporting envelopes in a machine for making envelopes

Title (de)
Vorrichtung zum Transport von Briefhüllenzuschnitten in einer Briefhüllenherstellungsmaschine

Title (fr)
Dispositif pour transporter des enveloppes dans une machine de fabrication d'enveloppes

Publication
EP 1155985 A3 20030402 (DE)

Application
EP 01111371 A 20010509

Priority
DE 10024298 A 20000517

Abstract (en)
[origin: EP1155985A2] The envelope blanks are carried on a conveyor belt system having a perforated section (2) and plain sections (5). A suction chamber beneath the perforated section draws in ambient air to hold the blanks in position through the process while folding elements (19) and cutters make the envelopes.

IPC 1-7
B65H 5/22; B65H 5/02; B65H 45/12

IPC 8 full level
B65H 5/22 (2006.01); B65H 45/12 (2006.01)

CPC (source: EP US)
B31B 70/04 (2017.08 - EP); B31B 70/262 (2017.08 - EP); B31B 70/36 (2017.08 - EP); B65H 5/224 (2013.01 - EP US); B65H 45/12 (2013.01 - EP US); B31B 2150/10 (2017.08 - EP); B31B 2160/102 (2017.08 - EP); B65H 2301/4422 (2013.01 - EP US); B65H 2301/45 (2013.01 - EP US); B65H 2404/264 (2013.01 - EP US); B65H 2511/12 (2013.01 - EP US); B65H 2511/18 (2013.01 - EP US)

C-Set (source: EP US)
1. B65H 2511/12 + B65H 2220/11
2. B65H 2511/18 + B65H 2220/11

Citation (search report)
- [XY] US 4614512 A 19860930 - CAPDEBOSCQ BERNARD [FR]
- [A] US 4850949 A 19890725 - DALLASERRA ARTHUR B [FR], et al
- [Y] EP 0503529 A1 19920916 - SPIESS GMBH G [DE]
- [DY] US 3288037 A 19661129 - BURNETT ARTHUR H
- [Y] WO 9714634 A1 19970424 - ROBERTS SYSTEMS INC [US]
- [X] US 5971134 A 19991026 - TREFZ WOLFGANG [DE], et al
- [PA] WO 0061478 A1 20001019 - PROFOLD INC [US], et al
- [A] WO 9910264 A1 19990304 - ROSKAM MERVIN W [US]

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 1155985 A2 20011121; EP 1155985 A3 20030402; EP 1155985 B1 20050914; AT E304506 T1 20050915; DE 10024298 A1 20011220; DE 10024298 C2 20020425; DE 50107400 D1 20051020; ES 2249350 T3 20060401; US 2001044368 A1 20011122; US 6572520 B2 20030603

DOCDB simple family (application)
EP 01111371 A 20010509; AT 01111371 T 20010509; DE 10024298 A 20000517; DE 50107400 T 20010509; ES 01111371 T 20010509; US 86012901 A 20010517