

Title (en)

AN APPARATUS FOR MANUFACTURING SEALED POSTAL MAILS OR THE LIKE ENVELOPE ASSEMBLIES

Publication

EP 0297843 B1 19920923 (EN)

Application

EP 88305896 A 19880629

Priority

JP 16495687 A 19870630

Abstract (en)

[origin: EP0297843A1] Apparatus for manufacturing sealed postal mails or the like envelope assemblies (E.U.) using discrete envelope blanks (72) split from an envelope-forming continuous sheet (71), intermediate elements (92) split from an intermediate element-forming continuous sheet (91) and having sizes adapted to be enclosed within said envelope blank, and additional inserting elements (101) having sizes adapted to be enclosed within said envelope blank. The apparatus comprises reading means (8) for reading an encoded mark (99) on said intermediate element (92) to produce an output signal corresponding to the number of sheets of said intermediate element (92) to be enclosed together, grouping means (25) located in a said grouping station for stacking a plurality of intermediate elements (92) successively supplied into a group of intermediate elements to be enclosed together, said grouping means being operative in response to said output signal from said reading means (8) and intermediate element group feeder means for feeding a single intermediate element or a group of intermediate elements from said grouping station to an envelope folding and intermediate element inserting station (E.S.).

IPC 1-7

B31B 41/00; **B43M 5/04**; **B65H 7/14**

IPC 8 full level

B31B 27/00 (2006.01); **B31B 41/00** (2006.01); **B43M 5/04** (2006.01)

CPC (source: EP US)

B43M 5/045 (2013.01 - EP US); **B31B 2150/00** (2017.07 - EP); **B31B 2150/001** (2017.07 - EP US); **B31B 2160/10** (2017.07 - EP); **B31B 2170/00** (2017.07 - EP US); **B31B 2170/20** (2017.07 - EP)

Cited by

US4972655A; EP0453791A1; EP0375813A1; EP0372140A1; US5690774A; ES2179707A1; EP1964665A2; US7739858B2; WO9311948A1; US6266944B1; WO9807583A1

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

EP 0297843 A1 19890104; **EP 0297843 B1 19920923**; CA 1311641 C 19921222; DE 3874820 D1 19921029; DE 3874820 T2 19930401; JP H0761760 B2 19950705; JP S648029 A 19890112

DOCDB simple family (application)

EP 88305896 A 19880629; CA 570167 A 19880623; DE 3874820 T 19880629; JP 16495687 A 19870630