

Publication

EP 0929474 A4 19990721

Application

EP 96945235 A 19961227

Priority

- JP 35440895 A 19951229
- US 9620339 W 19961227

Abstract (en)

[origin: WO9724278A1] A packaging material (1) impressed with crease lines (12) for forming packaging containers (4) is provided with invisible information (20). To form the filled container, the packaging material is formed in a tubular shape in the longitudinal direction of the material, is filled with an object to be packaged, is applied with lateral line seals in the lateral direction of the tubular packaging material at specified intervals, is cut along the lateral line seals to form a primary shape packaging container (4), and is folded along the crease lines to form a final shape packaging container (4). The available surface area on a packaging container where printing may be placed is not reduced and the external appearance design possibilities of the container are not restricted, even if information including control numbers and lot numbers and register marks for lateral line sealing are provided on the external appearance surface of the packaging container product (4).

IPC 1-7

B65D 85/00

IPC 8 full level

B65B 9/20 (2012.01); **B65B 51/10** (2006.01); **B65D 25/20** (2006.01); **B65D 65/40** (2006.01); **B65D 75/44** (2006.01)

CPC (source: EP)

B65B 9/20 (2013.01); **B65B 61/025** (2013.01); **B65B 9/2056** (2013.01)

Citation (search report)

- [YD] EP 0025235 A1 19810318 - TETRA PAK INT [SE]
- [Y] EP 0043723 A2 19820113 - AUTOMATED PACKAGING SYST INC [US]
- [A] EP 0646631 A2 19950405 - HITACHI MAXELL [JP]
- [A] US 4243694 A 19810106 - MANSUKHANI ISHWAR R
- [A] US 5458062 A 19951017 - GOLDBERG IRA B [US], et al
- See references of WO 9724278A1

Cited by

US9850015B2; EP1471008A1; US9630371B2

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

WO 9724278 A1 19970710; AU 1465697 A 19970728; DE 69614576 D1 20010920; DE 69614576 T2 20011129; EP 0929474 A1 19990721; EP 0929474 A4 19990721; EP 0929474 B1 20010816; JP H09188357 A 19970722; TW 394740 B 20000621

DOCDB simple family (application)

US 9620339 W 19961227; AU 1465697 A 19961227; DE 69614576 T 19961227; EP 96945235 A 19961227; JP 35440895 A 19951229; TW 86100043 A 19970104