

Title (en)

Method and apparatus for making hinged lid boxes for cigarettes

Title (de)

Verfahren und Vorrichtung zum Herstellen von Klappschachteln für Zigaretten

Title (fr)

Procédé et dispositif pour la fabrication de boîtes à couvercle rabattant pour des cigarettes

Publication

**EP 0917947 B1 20040908 (DE)**

Application

**EP 98120800 A 19981103**

Priority

DE 19751484 A 19971120

Abstract (en)

[origin: EP0917947A2] Hot-melt adhesive is used to join together the flaps (16, 17, 21, 22) in the compartment and cover sections (12, 13) of the blank (10) that form the compartment and cover side walls. The adhesive is applied to the corresponding regions of the unfolded blank and left to solidify and then later reactivated by heating as the flaps are being joined together. An Independent claim is also included for the cigarette packet making machine used to carry out this process.

IPC 1-7

**B31B 1/62**; **B31B 3/00**

IPC 8 full level

**B31B 1/62** (2006.01); **B31B 3/00** (2006.01); **B31B 50/62** (2017.01); **B65B 19/28** (2006.01); **B65D 85/10** (2006.01)

CPC (source: EP KR US)

**B65B 19/228** (2013.01 - KR); **B65B 41/16** (2013.01 - KR); **B65B 51/023** (2013.01 - KR); **B65D 85/1045** (2013.01 - EP US); **B31B 50/622** (2017.07 - EP); **B65B 19/28** (2013.01 - KR); **B65B 61/002** (2013.01 - KR); **B65B 2230/04** (2013.01 - KR)

Citation (examination)

- US 3956865 A 19760518 - SCHMERMUND ALFRED
- GB 1454559 A 19761103 - MARDON SON HALL LTD
- US 3813997 A 19740604 - NIEPMANN O
- EP 0765811 A1 19970402 - FOCKE & CO [DE]
- US 5249416 A 19931005 - ADAMS JOHN M [US], et al

Cited by

EP1702848A1; ITBO20120294A1; RU2483874C2; EP2669199A1; EP2027994A3; EP2027993A1; US9180643B2; EP1361160A2

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