

Title (en)

PROCESS AND DEVICE FOR MANUFACTURING COLLECTIVE PACKAGES

Publication

**EP 0117974 B1 19860910 (DE)**

Application

**EP 84100222 A 19840111**

Priority

DE 3307855 A 19830305

Abstract (en)

[origin: US4569182A] A wrap-around packaging method wherein a package blank is prefolded to an open-sided configuration, an object to be packaged is positioned within the prefolded blank and the final folding and adhesive closing of the package is then completed in a series of synchronized steps. The prefolding occurs during the course of withdrawal of the package blank from a magazine and its transporting into position to receive the object to be packaged and includes plural folding steps which are individually performed to minimize stress on the packing material. The movement of the preformed packing material blank and object through the final folding and closing stations is accomplished without contact between the conveying means and the object.

IPC 1-7

**B65B 5/02; B65B 11/12**

IPC 8 full level

**B65B 43/18** (2006.01); **B65B 5/02** (2006.01); **B65B 11/08** (2006.01); **B65B 11/12** (2006.01); **B65B 11/00** (2006.01)

CPC (source: EP US)

**B65B 5/024** (2013.01 - EP US); **B65B 11/004** (2013.01 - EP US); **B65B 11/12** (2013.01 - EP US)

Cited by

DE19533413A1; DE4308659A1; DE3417154A1; CN104118591A; FR2649953A1; ITBO20090489A1; ITBO20130388A1; EP2829481A1; US9821526B2

Designated contracting state (EPC)

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**EP 0117974 A1 19840912; EP 0117974 B1 19860910**; BR 8400379 A 19850305; DD 213890 A5 19840926; DE 3307855 A1 19840906; DE 3460631 D1 19861016; JP S59174414 A 19841002; US 4569182 A 19860211

DOCDB simple family (application)

**EP 84100222 A 19840111**; BR 8400379 A 19840130; DD 26035284 A 19840227; DE 3307855 A 19830305; DE 3460631 T 19840111; JP 3891284 A 19840302; US 58300184 A 19840223