

Title (en)

Method and device for applying adhesive on blanks for hinged-lid boxes

Title (de)

Verfahren und Vorrichtung zum Auftragen von Leim auf einen Zuschnitt für Klappschachteln

Title (fr)

Procédé et dispositif pour appliquer de la colle sur des flans pour boîtes à charnière

Publication

**EP 0601411 B1 19961106 (DE)**

Application

**EP 93119073 A 19931126**

Priority

DE 4241176 A 19921208

Abstract (en)

[origin: EP0601411A2] 2.1. Blanks (10) for hinged-lid boxes must be provided with adhesive. This is done by forming gluing spots (29). A plurality of rows of gluing spots, namely spot rows (33..36), are distributed over the blank (10) in a particular manner so that the collar (84) and inner wrapping (82) are fixed sufficiently and an inner flap (22) of the lid is connected durably to a front wall (20) of the lid. 2.2. The gluing spots (29) are applied by a gluing assembly (37) which can be removed as a unit from the packaging machine and is connected to a glue container via a main glue line (56).  
<IMAGE>

IPC 1-7

**B65B 51/02**

IPC 8 full level

**B05C 5/02** (2006.01); **B05C 11/10** (2006.01); **B31B 3/00** (2006.01); **B31B 13/00** (2006.01); **B31B 50/62** (2017.01); **B65B 51/02** (2006.01); **B65D 85/10** (2006.01); **B65H 37/04** (2006.01)

CPC (source: EP US)

**B05C 5/0212** (2013.01 - EP US); **B05C 11/1034** (2013.01 - EP US); **B65B 51/023** (2013.01 - EP US); **B65D 85/1045** (2013.01 - EP US); **B31B 50/622** (2017.07 - EP US); **B31B 50/624** (2017.07 - EP US); **Y10S 493/911** (2013.01 - EP US)

Cited by

DE102010024361A1; CN110027751A; EP0647562A1; US5558743A; EP0803450A1; US5931292A; EP2397231A1

Designated contracting state (EPC)

DE FR GB IT

DOCDB simple family (publication)

**DE 4241176 A1 19940609**; **DE 4241176 B4 20051222**; BR 9304970 A 19940621; CN 1038662 C 19980610; CN 1090811 A 19940817; DE 59304414 D1 19961212; EP 0601411 A2 19940615; EP 0601411 A3 19941012; EP 0601411 B1 19961106; JP 2609052 B2 19970514; JP H06305054 A 19941101; US 5462223 A 19951031; US 5656084 A 19970812

DOCDB simple family (application)

**DE 4241176 A 19921208**; BR 9304970 A 19931207; CN 93120811 A 19931208; DE 59304414 T 19931126; EP 93119073 A 19931126; JP 30835993 A 19931208; US 16226293 A 19931207; US 46992995 A 19950606