

Title (en)

HINGE-LID BOX AND A PROCESS AND DEVICE FOR ITS MANUFACTURE

Title (de)

KLAPPSCHACHTEL SOWIE VERFAHREN UND VORRICHTUNG ZUM HERSTELLEN DERSELBEN

Title (fr)

PAQUET A COUVERCLE BASCULANT ET SON PROCEDE ET DISPOSITIF DE PRODUCTION

Publication

EP 0925228 A1 19990630 (DE)

Application

EP 97919039 A 19970905

Priority

- DE 19636365 A 19960906
- EP 9704831 W 19970905

Abstract (en)

[origin: WO9809875A1] Boxes with a hinge-lid normally have a collar (31) located in the package part (10) of the box which is attached with a lower part of the anterior collar wall and lateral collar flaps (33, 34) to the insides of the anterior box wall (12) and lateral box sides (14, 15) using glue. An upper area of the collar (31) which extends out of the package part of the box (10) forms visible surfaces (54). These are preferably given a full surface imprint or coating of printing ink (40) and an external protective layer (42). The attaching surfaces (51, 52) in the package part of the box (10) are free of printing ink and protective layers.

IPC 1-7

B65D 5/66; **B65D 85/10**; **B65D 5/42**

IPC 8 full level

B65B 19/02 (2006.01); **B65D 5/42** (2006.01); **B65D 5/66** (2006.01); **B65D 85/10** (2006.01)

CPC (source: EP US)

B65D 5/422 (2013.01 - EP US); **B65D 5/6691** (2013.01 - EP US); **B65D 85/1045** (2013.01 - EP US)

Citation (search report)

See references of WO 9809875A1

Citation (third parties)

Third party :

- US 4287797 A 19810908 - SERAGNOLI ENZO
- DE 2160297 A1 19730607 - KRONSEDER HERMANN
- US 4682038 A 19870721 - FOCKE HEINZ [DE]
- US 4938005 A 19900703 - FOCKE HEINZ [DE]
- US 5261209 A 19931116 - FOCKE HEINZ [DE], et al
- US 5311800 A 19940517 - FOCKE HEINZ [DE], et al

Cited by

DE102004025261A1; US7757846B2; WO2005115852A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

WO 9809875 A1 19980312; BR 9712810 A 19991123; CN 1072158 C 20011003; CN 1229391 A 19990922; DE 19636365 A1 19980409; DE 59706401 D1 20020321; EP 0925228 A1 19990630; EP 0925228 B1 20020213; ES 2168626 T3 20020616; ID 21511 A 19990617; JP 2000517275 A 20001226; JP 4101296 B2 20080618; RU 2218297 C2 20031210; US 6199688 B1 20010313

DOCDB simple family (application)

EP 9704831 W 19970905; BR 9712810 A 19970905; CN 97197699 A 19970905; DE 19636365 A 19960906; DE 59706401 T 19970905; EP 97919039 A 19970905; ES 97919039 T 19970905; ID 990055 A 19970905; JP 51225098 A 19970905; RU 99106799 A 19970905; US 20212499 A 19990716