

Title (en)  
CARDBOARD PACKAGE, METHOD AND APPARATUS TO PRODUCE SUCH A PACKAGE

Publication  
**EP 0547449 A3 19930728 (DE)**

Application  
**EP 92120695 A 19921204**

Priority  
DE 4141678 A 19911217

Abstract (en)  
[origin: EP0547449A2] 2.1. In packages made of (thin) cardboard, projections (10), stops etc. are to be mounted in package walls for various reasons. Projections (10) are arranged on the side walls (17, 18) for supporting a collar (13) in the box part (11) of a hinged box. Said projections consist of a transversely directed punch-cut (21) and a curvature adjoining the latter and formed by shaping the material (cardboard). 2.2. A projection (10) constructed in this manner is produced in a single operation by punching and shaping (embossing) by means of an appropriate tool (punching piece 24) in conjunction with a counter-tool (counter-cylinder 28) during the continuous conveying of a blank. <IMAGE>

IPC 1-7  
**B65D 5/42**; **B31B 17/14**; **B31B 9/14**; **B65D 85/10**

IPC 8 full level  
**B26F 1/00** (2006.01); **B26F 1/20** (2006.01); **B31B 1/14** (2006.01); **B31B 1/74** (2006.01); **B31B 3/00** (2006.01); **B31B 9/14** (2006.01); **B31B 17/14** (2006.01); **B31B 50/20** (2017.01); **B65D 5/42** (2006.01); **B65D 5/66** (2006.01); **B65D 85/10** (2006.01)

CPC (source: EP US)  
**B26F 1/20** (2013.01 - EP US); **B65D 5/662** (2013.01 - EP US); **B31B 50/064** (2017.07 - EP US); **B31B 50/146** (2017.07 - EP US); **Y10T 83/4838** (2015.04 - EP US)

Citation (search report)

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