

Title (en)  
Container made of paper-base laminate and apparatus for producing same.

Title (de)  
Behälter aus Papierlaminat und Vorrichtung zu seiner Herstellung.

Title (fr)  
Récipient en carton laminé et machine pour la réalisation d'un tel récipient.

Publication  
**EP 0582003 A1 19940209 (EN)**

Application  
**EP 92202411 A 19920804**

Priority  
EP 92202411 A 19920804

Abstract (en)  
A paper-base laminate container having a bottom closure formed with a recess. The recess has an inverted V-shaped cross section and extends across the bottom closure through the center thereof for positioning the container upright with good stability. An apparatus for producing the container made of paper-base laminate, the apparatus comprising: an intermittently drivable rotor 42 having radial mandrels 43 each adapted to support a tubular container blank of square to rectangular cross section as fitted therearound, the mandrels 43 being so arranged as to successively stop at each of processing stations I to VI including a pressure bonding station V, and a bottom bonding unit 48 disposed at the pressure bonding station V, each of the mandrels 43 having in a forward end face 54 thereof a groove 55 for forming the recess 36, the bottom bonding unit 48 comprising a bonding member 52 having a pressing face 56, the pressing face 56 being opposed to the forward end face 54 of the mandrel 43 as stopped at the pressure bonding station V, the pressing face 56 being provided with a ridge 57 corresponding to the groove 55. <IMAGE>

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**B65D 5/06**; **B65B 3/02**; **B31B 3/32**

IPC 8 full level  
**B31B 3/28** (2006.01); **B31B 3/32** (2006.01); **B65B 3/02** (2006.01); **B65D 5/06** (2006.01)

CPC (source: EP US)  
**B31B 50/64** (2017.07 - EP US); **B65B 3/025** (2013.01 - EP); **B65D 5/06** (2013.01 - EP); **B31B 50/28** (2017.07 - EP)

Citation (search report)

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