

Title (en)

Container, and method and device for its manufacturing

Title (de)

Verpackungsbehälter sowie Verfahren und Vorrichtung zu seiner Herstellung

Title (fr)

Réceptient, et dispositif et procédé pour la fabrication d'un réceptient

Publication

EP 1746032 A3 20070815 (DE)

Application

EP 06000546 A 20060112

Priority

- US 18511705 A 20050720
- US 28741605 A 20051123

Abstract (en)

[origin: EP1746032A2] The method involves receiving a plastic ring over a fixture and receiving a sidewall of a container over the fixture and on top of the plastic ring. The sidewall is pressed into the plastic ring and a bottom is affixed to an end of the sidewall that is opposite to the plastic ring. Suction is generated on a surface of the bottom to lift the sidewall off the fixture and transfer the sidewall to the conveyor. Independent claims are also included for the following: (A) a container assembly apparatus comprising a pressing device (B) a container building system comprising fixtures.

IPC 8 full level

B65D 3/10 (2006.01); **B31B 17/00** (2006.01); **B31B 50/64** (2017.01); **B65D 3/30** (2006.01)

CPC (source: EP)

B65D 3/10 (2013.01); **B65D 3/12** (2013.01); **B65D 3/30** (2013.01); **B31B 50/60** (2017.07); **B31B 50/64** (2017.07); **B31B 2105/0022** (2017.07); **B65D 2543/00435** (2013.01)

Citation (search report)

- [XY] US 4289265 A 19810915 - ELLERBROCK DONALD H
- [Y] US 2003116579 A1 20030626 - CHAMBERS JAMES D [US]
- [Y] EP 0691278 A1 19960110 - WEIDENHAMMER PACKUNGEN [DE]
- [Y] GB 794682 A 19580507 - JAGENBERG WERKE AG
- [A] EP 0038488 A2 19811028 - RISSEN GMBH MASCHF [DE], et al
- [A] FR 1349917 A 19640124 - OWENS ILLINOIS GLASS CO

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA HR MK YU

DOCDB simple family (publication)

EP 1746032 A2 20070124; EP 1746032 A3 20070815; EP 1746033 A2 20070124; EP 1746033 A3 20070815; EP 1746033 B1 20120613

DOCDB simple family (application)

EP 06000546 A 20060112; EP 06000547 A 20060112