

Title (en)
Method for handling standing pouches

Title (de)
Verfahren zum Handhaben von Standbeuteln

Title (fr)
Procédé pour manipuler des sachets tenants debout

Publication
EP 1095860 B1 20050504 (DE)

Application
EP 00122888 A 20001020

Priority
DE 19952006 A 19991028

Abstract (en)
[origin: EP1095860A1] To handle and manipulate cartons (2) of beverages which stand on their base, after they have been filled and sealed and cooled, they are transferred while prone before the drinking straw (3) is fitted. The are shifted on a line at right angles to their longitudinal axes into a station (9) where the drinking straws (3) are fitted, and their bases (2a) are on the same side. They are moved onwards to the packaging station (4), with their bases aligned outwards from the center of the pack. The carton filling and sealing, the transfer into the prone transport position, the fitting of the drinking straws (3) and the movement into the packing station (4) are all within a continuous prodn. line (1).

IPC 1-7
B65B 35/24; **B65B 5/10**

IPC 8 full level
B65B 35/56 (2006.01); **B65B 5/10** (2006.01); **B65B 35/24** (2006.01); **B65B 61/20** (2006.01); **B65D 37/00** (2006.01)

CPC (source: EP KR US)
B65B 5/10 (2013.01 - EP US); **B65B 35/24** (2013.01 - EP US); **B65D 37/00** (2013.01 - KR)

Cited by
CN102490930A

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
EP 1095860 A1 20010502; **EP 1095860 B1 20050504**; AT E294738 T1 20050515; CN 1198745 C 20050427; CN 1296904 A 20010530; DE 19952006 A1 20010510; DE 50010214 D1 20050609; DK 1095860 T3 20050606; ES 2239989 T3 20051016; HK 1037585 A1 20020215; ID 28126 A 20010503; JP 2001171614 A 20010626; JP 3642275 B2 20050427; KR 100381060 B1 20030418; KR 20010040215 A 20010515; MX PA00010529 A 20020424; PT 1095860 E 20050729; SA 01210734 B1 20061125; TW 513369 B 20021211; US 6681547 B1 20040127

DOCDB simple family (application)
EP 00122888 A 20001020; AT 00122888 T 20001020; CN 00133175 A 20001027; DE 19952006 A 19991028; DE 50010214 T 20001020; DK 00122888 T 20001020; ES 00122888 T 20001020; HK 01108310 A 20011126; ID 20000923 A 20001027; JP 2000331265 A 20001030; KR 20000063746 A 20001028; MX PA00010529 A 20001026; PT 00122888 T 20001020; SA 01210734 A 20010221; TW 89120584 A 20001205; US 69091900 A 20001017