

Title (en)

A method for assembling filled packages

Title (de)

Verfahren zum Zusammenbringen gefüllter Verpackungen

Title (fr)

Procédé d'assemblage d'emballages remplis

Publication

EP 0798215 B1 19991229 (EN)

Application

EP 96202743 A 19961002

Priority

- EP 96202743 A 19961002
- EP 96200847 A 19960328

Abstract (en)

[origin: WO9735765A1] The present invention is a method to assemble filled packages together into a secondary package. This method comprises the steps of: pulling a film (1) around a forming shoulder (10) with a filling head (11) that forms a tubular configuration of the film in a vertical-form-fill-seal operation, sealing completely or partially the vertical edges (2) of the film, sealing the tubular formed film on the opposite end to the filling head (11) to form a bottom seal (3) and having an open bag representing a secondary package, filling the secondary package with more than one filled primary package, sealing the open end of the secondary package with the filled primary packages to form a top seal (4) and cutting the closed secondary package above the top seal.

IPC 1-7

B65B 9/20; **B65B 61/18**

IPC 8 full level

B65B 9/00 (2006.01); **B65B 9/213** (2012.01); **B65B 61/18** (2006.01)

IPC 8 main group level

B65D (2006.01)

CPC (source: EP)

B65B 9/213 (2013.01); **B65D 71/063** (2013.01); **B65D 75/46** (2013.01); **B65D 77/003** (2013.01)

Cited by

EP1582465A3; EP1582466A3

Designated contracting state (EPC)

DE ES FR GB IT

DOCDB simple family (publication)

WO 9735765 A1 19971002; AR 006416 A1 19990825; BR 9708278 A 19990803; CN 1219915 A 19990616; DE 69605893 D1 20000203; DE 69605893 T2 20000525; EP 0798215 A1 19971001; EP 0798215 B1 19991229; ES 2142015 T3 20000401; JP H11506997 A 19990622; ZA 972631 B 19971029

DOCDB simple family (application)

US 9703699 W 19970318; AR P970101232 A 19970326; BR 9708278 A 19970318; CN 97194944 A 19970318; DE 69605893 T 19961002; EP 96202743 A 19961002; ES 96202743 T 19961002; JP 53442497 A 19970318; ZA 972631 A 19970326