

Title (en)

Method of and apparatus for making packages.

Title (de)

Verfahren und Vorrichtung zur Herstellung von Verpackungen.

Title (fr)

Procédé et dispositif pour la fabrication d'emballages.

Publication

EP 0479498 B1 19950111 (EN)

Application

EP 91308844 A 19910927

Priority

US 59277690 A 19901004

Abstract (en)

[origin: EP0479498A1] A method of an apparatus for the production of packages (P) each comprises a unit of product (1) having opposite ends and a wrapper (13) wrapped around the unit (1), the wrapper (13) being wider than the length of the unit from end-to-end and initially extending outwardly beyond the ends of the unit, each end of the wrapper (13) being folded over on said end of the product (1) to form four closure flaps (F1-F4) overlying said end, a first flap (F1) constituting a first side flap, a second flap (F2) constituting a first end flap, a third flap (F3) constituting a second end flap, and a fourth flap (F4) constituting a second side flap, the method of folding over the second end flap (F3), wherein packages (p) are fed forward one after another with the ends of the wrapper (13) extending laterally outwardly at opposite sides of their path of travel, and the second end flaps (F3) are folded over at both ends of the package (P) by flexible folding members (53) which are brought into engagement with the trailing side of the trailing portion of each extending end of the wrapper (13) and moved forward at higher speed than the speed of the package (P).<IMAGE>

IPC 1-7

B65B 49/06; B65B 49/10

IPC 8 full level

B65B 9/067 (2012.01); **B65B 49/06** (2006.01); **B65B 49/10** (2006.01)

CPC (source: EP)

B65B 9/067 (2013.01); **B65B 49/06** (2013.01); **B65B 49/10** (2013.01)

Cited by

DE102012016698B4; WO2021024282A1; IT202000000562A1; ITUB20155421A1; DE102008052633A1; EP2690024A1; CN103569381A; US10227148B2; US10246206B2; US9926089B2; WO2012149947A1; WO2014029469A1; US11932431B2; DE102012016698A1; WO2014029494A1; WO2017081607A1

Designated contracting state (EPC)

AT BE CH DE DK ES FR GB GR IT LI LU NL SE

DOCDB simple family (publication)

EP 0479498 A1 19920408; EP 0479498 B1 19950111; AT E116923 T1 19950115; CA 2052736 A1 19920405; CA 2052736 C 19990831; DE 69106649 D1 19950223; DE 69106649 T2 19950518; ES 2069218 T3 19950501; JP H0692308 A 19940405

DOCDB simple family (application)

EP 91308844 A 19910927; AT 91308844 T 19910927; CA 2052736 A 19911003; DE 69106649 T 19910927; ES 91308844 T 19910927; JP 28400891 A 19911004