

Title (en)

Method and apparatus for adapting the height of a package to the height of its contents and cutting device therefor

Title (de)

Verfahren und Vorrichtung zur Anpassung der Höhe einer Verpackung an die Höhe ihres Inhalts und Schneidevorrichtung dafür

Title (fr)

Procédé et dispositif pour adapter la hauteur d'un emballage à la hauteur de son contenu et dispositif de coupe pour la mise en oeuvre

Publication

EP 0645309 B1 19971001 (FR)

Application

EP 94401939 A 19940831

Priority

FR 9311606 A 19930929

Abstract (en)

[origin: EP0645309A1] In order to hold a load in an open package (1C) comprising a base (10) intended to support the load (CH) and sides (11 to 14) having a height (HI) greater than that (HCH) of the load, the height (HCH) of the load (CH) is measured in order to deduce therefrom a lower height (HR) substantially equal to the measured height (HCH) of the load (CH), the sides are cut to the lower height (HR), the excess package (EX) located above the cut sides is removed and the cut package is closed over the cut sides and the load contained in the package. The lower package offers qualities of strength, stacking and presentation which are similar to those of the initial package. <IMAGE>

IPC 1-7

B65B 61/00; B65B 59/00

IPC 8 full level

B65B 59/00 (2006.01); **B65B 61/00** (2006.01)

CPC (source: EP US)

B65B 59/001 (2019.04 - EP US); **B65B 59/003** (2019.04 - EP US); **B65B 61/00** (2013.01 - EP US); **B65B 2210/04** (2013.01 - EP)

Cited by

WO2013182845A1; US2018050833A1; CN112591174A; FR2919520A1; FR3017858A1; WO2015124869A1; WO2016142710A1; WO2016151310A1; CN104520201A; AU2013273343B2; AU2013273343C1; US2023003507A1; US11906287B2; WO2004099000A3; US7031788B2; EP3656690A1; US10954018B2; US11661227B2

Designated contracting state (EPC)

AT BE CH DE ES GB IE IT LI LU NL

DOCDB simple family (publication)

EP 0645309 A1 19950329; EP 0645309 B1 19971001; AT E158772 T1 19971015; DE 69405954 D1 19971106; DE 69405954 T2 19980305; ES 2107150 T3 19971116; FR 2710580 A1 19950407; FR 2710580 B1 19951103

DOCDB simple family (application)

EP 94401939 A 19940831; AT 94401939 T 19940831; DE 69405954 T 19940831; ES 94401939 T 19940831; FR 9311606 A 19930929