

Title (en)

Method and device for continuously making packages.

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Herstellen von Packungen.

Title (fr)

Procédé et appareil pour la fabrication en continu d'emballages.

Publication

EP 0399948 B1 19941102 (DE)

Application

EP 90810340 A 19900504

Priority

CH 194789 A 19890524

Abstract (en)

[origin: EP0399948A1] The device serves for the continuous making of packages of groups of biscuits standing on end which are wrapped by means of a tube with a lengthwise thin weld and two transverse fins. The foremost and rearmost biscuits of the individual groups (3, 3') are, during a first transportation, retained by rotating fingers (11, 12') until the supporting is taken over by the tube as the second transporting means. Tube folding means (4) are provided on one side of the conveying plane. In the end region of the first transporting means (1, 6), but on the other side of the conveying plane, there is a suction chamber (5) which is connected to a suction device (15, 16) in order to generate a subatmospheric pressure in the interior of the tube and thus press the tubular film (20) against the edges of the biscuits. <IMAGE>

IPC 1-7

B65B 9/06; **B65B 23/18**

IPC 8 full level

B65B 9/067 (2012.01)

CPC (source: EP US)

B65B 9/067 (2013.01 - EP US); **B65B 23/10** (2013.01 - EP US)

Cited by

US6024207A; US5771660A; ITBO20090830A1; CN105358431A; US6557322B2; WO2014195038A1

Designated contracting state (EPC)

CH DE ES FR GB IT LI NL

DOCDB simple family (publication)

EP 0399948 A1 19901128; **EP 0399948 B1 19941102**; BR 9002179 A 19910813; DE 59007596 D1 19941208; ES 2062484 T3 19941216; JP H0329712 A 19910207; US 5052166 A 19911001

DOCDB simple family (application)

EP 90810340 A 19900504; BR 9002179 A 19900510; DE 59007596 T 19900504; ES 90810340 T 19900504; JP 13517690 A 19900524; US 52863990 A 19900524