

Title (en)

Method and device for making groups of food discs.

Title (de)

Verfahren und Vorrichtung zur Bildung von Gruppen von Nahrungsmittelscheiben.

Title (fr)

Procédé et dispositif pour la fabrication de groupes de disques alimentaires.

Publication

EP 0526403 B1 19950816 (DE)

Application

EP 92810565 A 19920723

Priority

CH 225591 A 19910729

Abstract (en)

[origin: EP0526403A1] The device is provided with a transport belt (1) for the transport of a row of biscuit discs (3) situated one behind the other. The biscuits are inserted in groups into containers (5). Above the transport belt (1), a sensor is arranged, in order to measure the position of the individual discs (3) on the belt (1). A plurality of grippers (26) are arranged one behind the other, downstream of the sensor in the conveying direction, in order to take hold of the discs (3) moved in the conveying direction, to transport them onto a supporting surface (58) which is arranged laterally adjacent to the transport belt (1) and then to convey them into the containers (5) by means of a slide (61). The grippers (26) are controlled by a control device which is connected to the sensor. The containers (5) are moved downwards by a transport chain (52). <IMAGE>

IPC 1-7

B65B 23/14; **B65B 57/14**; **B65B 23/16**

IPC 8 full level

B65B 43/52 (2006.01); **B65B 23/14** (2006.01); **B65G 57/04** (2006.01); **B65H 29/16** (2006.01); **B65H 29/24** (2006.01); **B65H 29/46** (2006.01); **B65H 31/18** (2006.01)

CPC (source: EP)

B65B 23/14 (2013.01)

Cited by

EP1160166A1; EP1162163A1; CN106315235A; EP0644119A1; DE4330427A1; EP2412634A1; ITBO20100490A1; EP1359099A2; NL1023200C2; US6554336B2; US8781616B2; EP0895931A1; US6220424B1; US6701694B2

Designated contracting state (EPC)

DE GB IT NL

DOCDB simple family (publication)

EP 0526403 A1 19930203; **EP 0526403 B1 19950816**; CH 681590 A5 19930430; DE 59203280 D1 19950921; JP H05193804 A 19930803

DOCDB simple family (application)

EP 92810565 A 19920723; CH 225591 A 19910729; DE 59203280 T 19920723; JP 20212792 A 19920729