

Title (en)

Electronic control system of the packaging process with bell-type packaging machines

Title (de)

Elektronisches Steuersystem für einen Verpackungsprozess mit glockenförmigen Verpackungsmaschinen

Title (fr)

Système de contrôle électronique du procédé de conditionnement avec des machines de conditionnement à courroie

Publication

EP 2123564 A3 20100127 (EN)

Application

EP 08016589 A 20080919

Priority

IT TO20080073 U 20080522

Abstract (en)

[origin: EP2123564A2] A machine is described for packaging products (7) in a heat-shrinking or non-heat-shrinking film (3) comprising: at least one coil (1) for supplying the film (3); at least one plane (5) for preparing the film (3), that opens it for winding the product (7) to be packaged; at least one belt or fixed support (9) for the product (7); at least one bell (11) adapted to close the packaging chamber containing the product (7) onto which the film (3) has been placed, in order to cut and weld the film to then transfer heat through a fan (V) and shrink the film (3) onto the product (7) to package it; heating means (14) for the film (3); unloading rollers (16) for the product (7), and at least one electronic control system of the packaging process equipped with sensors (20), adjusting and interface means (22) and at least one inverter (24) or control system (24').

IPC 8 full level

B65B 53/06 (2006.01); **B65B 51/10** (2006.01); **B65B 57/00** (2006.01); **B65B 67/10** (2006.01)

CPC (source: EP US)

B65B 53/066 (2013.01 - EP US); **B65B 57/00** (2013.01 - EP); **B65B 67/10** (2013.01 - EP); **B65B 59/001** (2019.04 - EP US)

Citation (search report)

- [X] US 4104848 A 19780808 - TORRE FRANCESCO
- [A] EP 1132296 A2 20010912 - ITALDIBIPACK SPA [IT]

Cited by

CN107985699A; IT202000023344A1; EP2578499A1; CN103057738A

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MT NL NO PL PT RO SE SI SK TR

Designated extension state (EPC)

AL BA MK RS

DOCDB simple family (publication)

EP 2123564 A2 20091125; **EP 2123564 A3 20100127**; **EP 2123564 B1 20110119**; AT E495978 T1 20110215; DE 602008004630 D1 20110303; IT TO20080073 U1 20091122; PL 2123564 T3 20110630

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