

Title (en)

Machine for labelling containers and attaching shrink sleeves to containers and method for the same

Title (de)

Vorrichtung zum Etikettieren von Behältern und zum Anbringen von Schrumpfhülsen auf Behältern und Verfahren dazu

Title (fr)

Dispositif d'étiquetage de récipient et de mise en place de gaines thermorétractables sur des récipients et procédé correspondant

Publication

EP 2801535 A3 20150107 (DE)

Application

EP 14157565 A 20140304

Priority

DE 102013208589 A 20130510

Abstract (en)

[origin: CN104139898A] The invention relates to a machine for labelling containers and attaching shrink sleeves to the containers and a method for the same, the machine comprising: a labeling machine having a first pitch, wherein the labeling machine is adapted to apply labels to the containers; a conveyor belt arranged after the labeling machine which is adapted to convey containers situated thereon at a speed; and an indexing screw (8, 30) arranged after the labeling machine which is adapted to enable the containers conveyed by the conveyor belt to have a second pitch of a subsequent shrink sleeve unit (10, 17, 32, 38), wherein the shrink sleeve unit is adapted to pass shrink sleeves on the containers. The invention also relates to a method for attaching labels and/or shrink sleeves on containers under the condition of using embodiments of the machine according to the invention, and a method for attaching shrink sleeve (45) on containers (22, 46) under the condition of using the machines (21, 36).

IPC 8 full level

B65C 3/06 (2006.01); **B65C 3/14** (2006.01)

CPC (source: EP)

B65C 3/065 (2013.01); **B65C 3/14** (2013.01)

Citation (search report)

- [XYI] DE 9116105 U1 19920227
- [Y] US 5477956 A 19951226 - LIEBHART DANA J [US]
- [Y] US 4649697 A 19870317 - KONSTANTIN ANATOLE E [US]
- [A] US 4192703 A 19800311 - BROWN FRANK E [US]
- [A] US 2857037 A 19581021 - HENRY BREEBACK RUDOLPH

Cited by

DE202018101615U1; CN108146736A

Designated contracting state (EPC)

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

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

EP 2801535 A2 20141112; **EP 2801535 A3 20150107**; **EP 2801535 B1 20160720**; CN 104139898 A 20141112; CN 104139898 B 20170412; DE 102013208589 A1 20141113

DOCDB simple family (application)

EP 14157565 A 20140304; CN 201410143015 A 20140410; DE 102013208589 A 20130510