

Title (en)

Method and device for operating an assembly for treating containers with controlled parameter selection

Title (de)

Verfahren und Vorrichtung zum Betreiben einer Anlage zum Behandeln von Behältnissen mit gesteuerter Parameterauswahl

Title (fr)

Procédé et dispositif de fonctionnement d'une installation pour le traitement des récipients avec sélection de paramètres commandée

Publication

**EP 2415677 B2 20210623 (DE)**

Application

**EP 11175897 A 20110729**

Priority

DE 102010033170 A 20100803

Abstract (en)

[origin: EP2415677A1] The method of operating a plant (1) for the treatment of containers (2), comprises: treating the containers with preset treatment parameters by a first treatment unit (10, 20, 30, 40) of the plant; determining the product parameter characteristic of the container by detecting a recognition mark (80) associated with the container; altering the treatment parameter on basis of the characteristic product parameter; altering the treatment parameters of treatment elements; and displaying information on the container to be produced by a display device in dependent of the parameters to be determined. The method of operating a plant (1) for the treatment of containers (2), comprises: treating the containers with preset treatment parameters by a first treatment unit (10, 20, 30, 40) of the plant; determining the product parameter characteristic of the container by detecting a recognition mark (80) associated with the container; altering the treatment parameter on basis of the characteristic product parameter; altering the treatment parameters of treatment elements; and displaying information on the container to be produced by a display device in dependent of the parameters to be determined. The treatment parameters are partially alterable and depend upon product parameters characteristic for the container to be treated. The recognition mark: is a sequence of symbols arranged on the container, where the sequence of symbols is characteristic of the product parameters; and is arranged on a label of the container. The treatment unit of the plant comprises the treatment elements. The first treatment unit is a shaping device for shaping plastics material pre-forms into plastics material containers. An independent claim is included for a plant for the treatment of containers.

IPC 8 full level

**B65B 57/00** (2006.01); **B65B 59/00** (2006.01); **B67C 3/00** (2006.01)

CPC (source: EP US)

**B65B 57/00** (2013.01 - EP US); **B65B 59/003** (2019.04 - EP US); **B67C 3/007** (2013.01 - EP US)

Citation (opposition)

Opponent :

- EP 1266830 A1 20021218 - TETRA LAVAL HOLDINGS & FINANCE [CH]
- US 7958694 B2 20110614 - JOHANSSON HANS [SE], et al
- EP 0274849 B1 19910807
- US 4698514 A 19871006 - HILMERSSON ANDERS E [SE], et al
- US 2011057026 A1 20110310 - INGVERT CLAES [SE]
- US 2005194705 A1 20050908 - SMITH ROGER P [US]
- US 2006082009 A1 20060420 - QUAIL JOHN P [CA], et al
- EP 1279075 A2 20030129 - COGISCAN INC [CA]
- US-Filewrapper US 13 189 484

Cited by

CN108780300A; US10960595B2; WO2015135996A1; WO2017144145A1; WO2017021554A1; US10843834B2; US11021288B2; US11319100B2; US11485534B2; EP3397560B1; EP3397562B1; EP3397562B2

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

DOCDB simple family (publication)

**EP 2415677 A1 20120208**; **EP 2415677 B1 20150701**; **EP 2415677 B2 20210623**; CN 102372100 A 20120314; CN 102372100 B 20160413; DE 102010033170 A1 20120209; JP 2012074012 A 20120412; US 2012032364 A1 20120209; US 9302802 B2 20160405

DOCDB simple family (application)

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