

Title (en)

Method and device for labelling filled containers

Title (de)

Vorrichtung und Verfahren zum Etikettieren befüllter Behältnisse

Title (fr)

Dispositif et procédé destinés à l'étiquetage de récipients remplis

Publication

**EP 2361835 B1 20180314 (DE)**

Application

**EP 11167475 A 20101103**

Previously filed application

10189753 20101103 EP

Priority

- EP 10189753 A 20101103
- DE 102009052289 A 20091109

Abstract (en)

[origin: EP2319770A1] The device (1) has a filling device (4) for filling a container (10) with a fluid medium. A drying device (8) is arranged between the filling device and a labeling device (6) along the transportation path of the container. The drying device is provided for drying the container. An independent claim is also included for a method for treating container.

IPC 8 full level

**B65C 9/00** (2006.01)

CPC (source: CN EP US)

**B65C 9/0015** (2013.01 - CN EP US); **B65C 2009/0059** (2013.01 - EP); **B67C 2003/227** (2013.01 - EP)

Citation (examination)

- US 2006086410 A1 20060427 - BERNHARD HERBERT [DE]
- DE 102006035109 A1 20080131 - KRONES AG [DE]
- DE 19513064 A1 19961010 - KHS MASCH & ANLAGENBAU AG [DE]
- US 2501367 A 19500321 - WEHMILLER FREDERICK W, et al
- DE 1025791 B 19580306 - JAGENBERG WERKE AG
- DE 102008008528 A1 20090813 - KRONES AG [DE]

Citation (opposition)

Opponent : SIDEL PARTICIPATIONS S.A.S.

- WO 2009133087 A1 20091105 - KRONES AG [DE], et al
- DE 1025791 B 19580306 - JAGENBERG WERKE AG
- US 4147011 A 19790403 - KRONSEDER HERMANN, et al
- EP 1927547 A1 20080604 - EUROPOOL SRL [IT]
- US 2501367 A 19500321 - WEHMILLER FREDERICK W, et al
- DE 913747 C 19540618 - JAGENBERG WERKE AG
- DE 19824846 A1 19991209 - KHS MASCH & ANLAGENBAU AG [DE]
- WO 2009127962 A2 20091022 - SACMI [IT], et al
- DE 2507419 A1 19760902 - KRONSEDER HERMANN
- DE 2436591 A1 19760219 - KRONSEDER HERMANN [DE]
- DE 102008008528 A1 20090813 - KRONES AG [DE]
- DE 102006059001 A1 20080619 - KRONES AG [DE]
- US 7455807 B2 20081125 - LARSEN W BRUCE [US]
- US 4361759 A 19821130 - KING GEORGE W, et al
- EP 0524483 B1 19951011 - ETIFIX ETIKETTIERSYSTEME GMBH [DE]
- WO 0244637 A1 20020606 - O N BECK & CO LTD [GB], et al
- EP 1357082 A1 20031029 - CAMES SNC DI COLLA G & SARDI G [IT]
- EP 2072405 A1 20090624 - EUROPOOL SRL [IT]
- WO 0078664 A1 20001228 - KRONES AG [DE], et al
- EP 1972877 A2 20080924 - KRONES AG [DE]
- DE 19513064 A1 19961010 - KHS MASCH & ANLAGENBAU AG [DE]
- DE 102006035109 A1 20080131 - KRONES AG [DE]
- US 2006086410 A1 20060427 - BERNHARD HERBERT [DE]
- EP 2080971 A2 20090722 - KRONES AG [DE]

Cited by

EP3898174B1

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 2319770 A1 20110511; EP 2319770 B1 20130213**; CN 102050245 A 20110511; CN 102050245 B 20150513; CN 104743175 A 20150701; CN 104743175 B 20171027; DE 102009052289 A1 20110512; EP 2361835 A1 20110831; EP 2361835 B1 20180314; EP 2361835 B2 20231004; US 2011108156 A1 20110512

DOCDB simple family (application)

**EP 10189753 A 20101103**; CN 201010545116 A 20101105; CN 201510189682 A 20101105; DE 102009052289 A 20091109; EP 11167475 A 20101103; US 94102810 A 20101105