

Title (en)

Method for labelling containers and labelling machine for carrying out the method

Title (de)

Verfahren zum Etikettieren von Behältern sowie Etikettiermaschine zum Durchführen dieses Verfahren

Title (fr)

Procédé d'étiquetage de récipients et étiqueteuse pour la mise en oeuvre du procédé

Publication

EP 1627816 A1 20060222 (DE)

Application

EP 05016261 A 20050727

Priority

DE 102004040634 A 20040821

Abstract (en)

The method for labeling bottles uses a sensor unit (11) to determine the shape and position of bottles mounted on rotating plates (6) on a turntable (7). These are compared with desired values and labeling units (15, 16) adjusted to ensure that the label is correctly positioned. An independent claim is included for a machine for carrying out the method.

IPC 8 full level

B65C 9/40 (2006.01); **B65C 9/06** (2006.01)

CPC (source: EP US)

B65C 3/26 (2013.01 - US); **B65C 9/06** (2013.01 - EP US); **B65C 9/40** (2013.01 - EP US); **B67C 7/0046** (2013.01 - US); **B65C 2009/407** (2013.01 - EP US); **Y10T 156/1771** (2015.01 - EP US)

Citation (search report)

- [A] WO 2004056658 A1 20040708 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al
- [A] WO 2004020292 A1 20040311 - AZIONARIA COSTRUZIONI ACMA SPA [IT], et al
- [A] EP 1197468 A1 20020417 - ROBINO & GALANDRINO SPA [IT]
- [A] US 2002096262 A1 20020725 - YANG SHENG-HUI [TW]
- [A] US 5478422 A 19951226 - BRIGHT LYN E [US], et al
- [A] US 6428639 B1 20020806 - OLDENBURG MARK C [US], et al

Cited by

EP3858750A1; WO2010040512A1; EP3115307A1; DE102011088588A1; EP2439048A1; DE102011084135A1; CN103930350A; FR3031085A1; EP2295226A1; CN102030119A; CN103496481A; EP2778083A1; CN104781183A; US9499292B2; WO2020007535A1; WO2010043330A1; US8711350B2; US8505268B2; US9546011B2; EP2064121B1; WO2013050186A1; WO2016108030A1; DE102020102550A1; WO2012031693A1; WO2024052534A1; EP2064121A1; EP3383750B1

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

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DOCDB simple family (application)

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