

Title (en)

Method and device for aligning the rotation position of containers, in particular bottles

Title (de)

Verfahren und Vorrichtung zum Ausrichten der Drehlage von Behältern, insbesondere Flaschen

Title (fr)

Procédé et dispositif d'alignement de la position rotative de récipients, notamment de bouteilles

Publication

EP 2251269 B1 20121010 (DE)

Application

EP 10161460 A 20100429

Priority

DE 102009020936 A 20090512

Abstract (en)

[origin: EP2251269A2] The method involves rotating an aligned container (1), where a characteristic (9) is detected on the container. An actual rotation of the container is calculated according to the detected characteristics. A control signal (S) is calculated for starting a desired orientation of the container. Independent claims are also included for the following: (1) a method for labeling containers; and (2) an apparatus for aligning the rotation position of containers, particularly bottles, and for use in a labeling machine.

IPC 8 full level

B65C 9/06 (2006.01)

CPC (source: EP US)

B65C 9/067 (2013.01 - EP US)

Cited by

WO201224020A1; DE102020112191A1; US11891207B2

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 MK MT NL NO PL PT RO SE SI SK SM TR

DOCDB simple family (publication)

EP 2251269 A2 20101117; EP 2251269 A3 20110126; EP 2251269 B1 20121010; CN 101885392 A 20101117; CN 101885392 B 20130410; DE 102009020936 A1 20101118; ES 2394944 T3 20130206; JP 2010265034 A 20101125; JP 5223159 B2 20130626; US 2010288419 A1 20101118

DOCDB simple family (application)

EP 10161460 A 20100429; CN 201010178209 A 20100511; DE 102009020936 A 20090512; ES 10161460 T 20100429; JP 2010101011 A 20100426; US 77090610 A 20100430