

Title (en)

METHOD AND APPARATUS FOR INSPECTING CONTAINERS AND DETERMINING A ROTATIONAL POSITION OF A CONTAINER CLOSURE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM INSPIZIEREN VON BEHÄLTNISSEN MIT FESTSTELLUNG EINER DREHSTELLUNG EINES BEHÄLTNISVERSCHLUSSES

Title (fr)

PROCÉDÉ ET APPAREIL D'INSPECTION DE RÉCIPIENTS ET DE DÉTERMINATION D'UNE POSITION DE ROTATION D'UNE FERMETURE DE RÉCIPIENT

Publication

EP 4298431 A1 20240103 (DE)

Application

EP 22717792 A 20220323

Priority

- DE 102021109286 A 20210414
- EP 2022057699 W 20220323

Abstract (en)

[origin: WO2022218666A1] The invention relates to a method for inspecting containers (10), in which containers (10) provided with container closures (10a) are transported by means of a transport device (2) along a predetermined transport path (T) and inspected by means of a first inspection device (4) during this transport, and the inspection device (4) captures at least one first image of at least the container closure of a container (10) by means of an image capture device (42), characterised in that a second image of at least this container closure (10) is captured by means of an image capture device, a time interval between the capture of the first image and of the second image preferably being less than 10 ms.

IPC 8 full level

G01N 21/90 (2006.01)

CPC (source: EP US)

B67B 3/264 (2013.01 - EP); **G01N 21/90** (2013.01 - US); **G01N 21/9054** (2013.01 - EP); **G01N 21/909** (2013.01 - EP)

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

DE 102021109286 A1 20221020; CN 117136299 A 20231128; EP 4298431 A1 20240103; US 2024201101 A1 20240620; WO 2022218666 A1 20221020

DOCDB simple family (application)

DE 102021109286 A 20210414; CN 202280028524 A 20220323; EP 2022057699 W 20220323; EP 22717792 A 20220323; US 202218287163 A 20220323