

Title (en)

CONTAINER HANDLING DEVICE AND METHOD FOR HOLDING, GRIPPING AND/OR TURNING CONTAINERS

Title (de)

BEHÄLTERHANDHABUNGSVORRICHTUNG UND VERFAHREN ZUM HALTEN, GREIFEN UND/ODER DREHEN VON BEHÄLTERN

Title (fr)

DISPOSITIF DE MANIPULATION DE RÉCIPIENT ET PROCÉDÉ DE MAINTIEN, DE PRÉHENSION ET/OU DE ROTATION DE RÉCIPIENTS

Publication

**EP 2930118 B1 20171004 (DE)**

Application

**EP 15159947 A 20150319**

Priority

DE 202014101722 U 20140411

Abstract (en)

[origin: CN104973301A] Container handling device (10) for holding, gripping and / or twisting of standing on a supporting containers (12) on its upper mouth (14) and / or at their neck portion, with at least two vertically adjustable and / or a vertical holding force transmitting retaining and / or centering elements (18) which are alternately movable between an operating position and a rest position, so that the left respectively in the operating position holding and / or centering member (18) is engageable with a container (12), said at least two stops - and / or centering elements (18) are arranged on a common retaining means (22), by rotation thereof about a defined pivoting angle of each holding and / or centering element (18) located thereon can be pivoted between its operating and rest position.

IPC 8 full level

**B41J 3/407** (2006.01); **B65C 3/14** (2006.01); **B65C 3/26** (2006.01); **B65C 9/04** (2006.01)

CPC (source: CN EP US)

**B41J 3/4073** (2013.01 - CN EP US); **B41J 3/40733** (2020.08 - EP US); **B65C 3/14** (2013.01 - CN EP); **B65C 3/26** (2013.01 - CN EP); **B65C 9/045** (2013.01 - CN EP)

Cited by

CN108227026A; CN113879651A

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)

**DE 202014101722 U1 20150414**; CN 104973301 A 20151014; CN 104973301 B 20170503; EP 2930118 A1 20151014; EP 2930118 B1 20171004

DOCDB simple family (application)

**DE 202014101722 U 20140411**; CN 201510158002 A 20150403; EP 15159947 A 20150319