

Title (en)

CONVEYING DEVICE HAVING A CONTAINER GRIPPER WITH A SPINDLE DRIVE

Title (de)

TRANSPORTVORRICHTUNG MIT EINEM BEHÄLTERGREIFER MIT SPINDELANTRIEB

Title (fr)

DISPOSITIF DE TRANSPORT COMPRENANT UN DISPOSITIF DE PRÉHENSION DE CONTENANT DOTÉ D'UN ENTRAÎNEMENT À BROCHE

Publication

EP 3515846 A1 20190731 (DE)

Application

EP 17748481 A 20170803

Priority

- DE 102016118082 A 20160926
- EP 2017069655 W 20170803

Abstract (en)

[origin: WO2018054592A1] The invention relates to a device for conveying containers, having a container clamp for holding a container. According to the invention, to provide a conveying device which is simply designed and cost-effective to produce, has a container clamp for securely holding the containers, and is suitable for use in the aseptic field, the container clamp comprises at least two clamp arms, which can be pivoted about one rotation shaft in each case, and a drive unit, which is connected to a spindle unit, which extends in the direction of a centre axis of the container clamp and is coupled to the rotation shafts, wherein the clamp arms can be pivoted between an open position and a gripping position by means of a rotary movement of the spindle unit about the longitudinal axis of same.

IPC 8 full level

B65G 47/86 (2006.01); **B65G 47/90** (2006.01)

CPC (source: EP)

B65G 47/847 (2013.01); **B65G 47/90** (2013.01); **B65G 2201/0244** (2013.01)

Citation (search report)

- [X] DE 29802011 U1 19980520 - TRETTER HERMANN [DE]
- [X] US 8534729 B2 20130917 - WILKINSON LORAN J [US], et al
- [A] EP 2186759 A1 20100519 - MBF SPA [IT]
- [A] DE 102011050772 A1 20121206 - KRONES AG [DE]
- See also references of WO 2018054592A1

Designated contracting state (EPC)

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Designated extension state (EPC)

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