Title (en)

SEAMING DEVICE

Title (de)

SÄUMUNGSVORRICHTUNG

Title (fr)

DISPOSITIF DE SERTISSAGE

Publication

EP 3308871 A4 20200205 (EN)

Application

EP 16807355 A 20160601

Priority

- JP 2015119610 A 20150612
- JP 2015137407 A 20150709
- JP 2016008011 A 20160119
- JP 2016066271 W 20160601

Abstract (en)

[origin: EP3308871A1] Provided is a seaming device that makes it possible to easily adjust an axial load applied to a can during seaming and that makes it possible to prevent the buckling of the can without any shock load being applied, apply a constant axial load according to a decrease in the height of the can during the seaming, and achieve the high speed of a seaming process. The seaming device has a can placement unit (110) that places a can (C), a chuck unit (120) provided opposite the can placement unit, and a seaming roll (131) that seams a lid (F) onto the can (C). The can placement unit (110) has a pressing mechanism (111) that operates by fluid pressure and elastically upwardly presses a plate (112) on which the can (C) is placed.

IPC 8 full level

B21D 51/30 (2006.01); **B21D 51/26** (2006.01); **B21D 51/32** (2006.01)

CPC (source: EP US)

B21D 51/2653 (2013.01 - EP US); **B21D 51/2684** (2013.01 - US); **B21D 51/2692** (2013.01 - EP US); **B21D 51/32** (2013.01 - EP US)

Citation (search report)

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- [XYI] JP 2007014982 A 20070125 - NIIZATO KIKO KK
- [XA] DE 652760 C 19371108 - HERMANN LUEBECK
- [YA] JP 2009220178 A 20091001 - UNIVERSAL SEIKAN KK, et al
- [YA] JP 2001259766 A 20010925 - MITSUBA DENYOSHA KK, et al
- [YA] JP S6418540 A 19890123 - TOYO SEIKAN KAISHA LTD
- [A] WO 9315957 A1 19930819 - INDUSTRIAL DYNAMICS CO [US]
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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)

EP 3308871 A1 20180418; **EP 3308871 A4 20200205**; CN 107635688 A 20180126; CN 107635688 B 20191112; JP 2017013119 A 20170119; JP 6877874 B2 20210526; TW 201707812 A 20170301; US 2018078991 A1 20180322

DOCDB simple family (application)

EP 16807355 A 20160601; CN 201680032732 A 20160601; JP 2016008011 A 20160119; TW 105117013 A 20160531; US 201715823747 A 20171128