

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

CPC (source: EP US)  
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Citation (search report)  
• [XYI] US 2013108399 A1 20130502 - ALDRED JEFF [US], et al  
• [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]  
• See references of WO 2016199648A1

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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