

Title (en)
SEAMING DEVICE

Title (de)
SÄUMUNGSVORRICHTUNG

Title (fr)
DISPOSITIF DE SERTISSAGE

Publication
EP 3308871 A1 20180418 (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)
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)

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)

Designated contracting state (EPC)
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Designated extension state (EPC)
BA ME

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

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