

Title (en)
SEAMING DEVICE

Title (de)
NAHTVORRICHTUNG

Title (fr)
DISPOSITIF DE SERTISSAGE

Publication
EP 3308872 A4 20190123 (EN)

Application
EP 16807356 A 20160601

Priority
• JP 2015119614 A 20150612
• JP 2015137411 A 20150709
• JP 2016008012 A 20160119
• JP 2016066272 W 20160601

Abstract (en)
[origin: US2018065168A1] Provided is a seaming device capable of preventing dents, caused by a can guide or a seaming turret pocket, and buckling resulting from the dents during seaming, and capable of improving seaming accuracy, by stabilizing the posture of the can being transferred when the can is supplied from an infeed conveyor. The seaming device (100) includes a can placement unit (110) that places a can (C), a seaming chuck unit (120) provided opposite thereto, and a seaming roll (131) that seams an opening of a can (C) and a lid (F). The can placement unit (110) includes a pressing mechanism (111) that presses a plate (112), on which a can is placed, resiliently upward. The seaming chuck unit (130) and the seaming roll (131) are configured to be capable of moving up and down.

IPC 8 full level
B21D 51/30 (2006.01); **B21D 51/32** (2006.01); **B21D 37/18** (2006.01)

CPC (source: EP US)
B21D 39/02 (2013.01 - US); **B21D 51/26** (2013.01 - EP US); **B21D 51/2653** (2013.01 - EP US); **B21D 51/2661** (2013.01 - EP US); **B21D 51/2692** (2013.01 - EP US); **B21D 51/30** (2013.01 - EP US); **B21D 51/32** (2013.01 - EP US); **B21D 51/446** (2013.01 - EP US); **B21D 37/18** (2013.01 - EP US)

Citation (search report)
• [Y] JP H10508255 A 19980818
• [YA] JP 2009220178 A 20091001 - UNIVERSAL SEIKAN KK, et al
• [Y] WO 2010015502 A2 20100211 - ZANICHELLI MECCANICA SPA [IT], et al
• [Y] JP H0739972 A 19950210 - TOYO SHOKUHIN KIKAI KK
• See references of WO 2016199649A1

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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

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DOCDB simple family (application)
US 201715811934 A 20171114; CN 201680032737 A 20160601; EP 16807356 A 20160601; JP 2016008012 A 20160119; JP 2016106156 A 20160527; TW 105117014 A 20160531