

Title (en)
RESIN-MADE CONTAINER

Title (de)
AUS HARZ HERGESTELLTER BEHÄLTER

Title (fr)
RÉCIPIENT EN RÉSINE

Publication
EP 3560852 A4 20201202 (EN)

Application
EP 17886228 A 20171225

Priority
• JP 2016251683 A 20161226
• JP 2016251684 A 20161226
• JP 2017046378 W 20171225

Abstract (en)
[origin: EP3560852A1] A resin made container X includes a spout portion 10 acting as an outlet for contents, a shoulder portion 20 continuous with the spout portion 10, a body portion 30 continuous with the shoulder portion 20, and a bottom portion 40 continuous with the body portion 30 and closing a lower end of the body portion 30. The body portion 30 includes a plurality of approximately quadrangular shaped panel portions 31 each having an upper side 31a and a lower side 31b thereof displaced; and between adjacent panel portions 31, a chevron-shaped rib 32 is provided. Also, there is provided an annular receded rib 53 which is receded to the inner side of the resin made container X and which extends in a circumferential direction of the resin made container X. The receded rib 53 includes a plurality of protruding ribs 54 protruding in a direction intersecting the extending direction of the receded rib 53, the protruding ribs 54 being receded from the surface of the resin made container X.

IPC 8 full level
B65D 1/02 (2006.01); **B65D 1/40** (2006.01); **B65D 1/42** (2006.01); **B65D 1/44** (2006.01); **B65D 79/00** (2006.01)

CPC (source: EP US)
B65D 1/0207 (2013.01 - US); **B65D 1/0223** (2013.01 - EP US); **B65D 1/42** (2013.01 - EP US); **B65D 1/44** (2013.01 - EP); **B65D 79/005** (2013.01 - EP); **B65D 2501/0018** (2013.01 - US); **B65D 2501/0027** (2013.01 - EP); **B65D 2501/0036** (2013.01 - EP)

Citation (search report)
• [XY] JP 2014073849 A 20140424 - TOYO SEIKAN KAISHA LTD
• [Y] US 2010032405 A1 20100211 - OZAWA TOMOYUKI [JP], et al
• See also references of WO 2018123944A1

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 3560852 A1 20191030; **EP 3560852 A4 20201202**; **EP 3560852 B1 20231101**; CN 110099853 A 20190806; ES 2966162 T3 20240418; MY 202011 A 20240328; PH 12019501368 A1 20191216; SG 10202106927R A 20210729; TW 201829255 A 20180816; US 2020095010 A1 20200326; WO 2018123944 A1 20180705

DOCDB simple family (application)
EP 17886228 A 20171225; CN 201780080459 A 20171225; ES 17886228 T 20171225; JP 2017046378 W 20171225; MY PI2019003399 A 20171225; PH 12019501368 A 20190614; SG 10202106927R A 20171225; TW 106145659 A 20171226; US 201716473063 A 20171225