

Title (en)
PLASTIC CONTAINER FOR STORING AND TRANSPORTING AGRICULTURAL PRODUCTS AND METHOD FOR STACKING CONTAINERS

Title (de)
KUNSTSTOFFBEHÄLTER ZUR LAGERUNG UND FÖRDERN LANDWIRTSCHAFTLICHER ERZEUGNISSE UND VERFAHREN ZUM STAPELN VON BEHÄLTERN

Title (fr)
EMBALLAGE PLASTIQUE POUR LE STOCKAGE ET LE TRANSPORT DE PRODUITS AGRICOLES, PROCÉDÉ POUR EMPILER DES EMBALLAGES

Publication
EP 3456645 A1 20190320 (EN)

Application
EP 17781698 A 20170405

Priority

- CL 2016000856 A 20160412
- CL 2017050017 W 20170405

Abstract (en)
Plastic container for storage and transport of agricultural products, of which structure enables to reduce significantly the container weight without decreasing its resistance and its storage volume, which is comprised by a bottom (100), longitudinal vertical walls (200) and cross-sectional vertical walls (300) which comprises: a reinforcement between each juncture of the longitudinal vertical walls with the cross-sectional vertical walls consisting of a tubular column (400) cylindrical in shape, where the lower part of each tubular column (400) is connected with a lower projection (230) which runs on a perimeter frame (110) of the container bottom; an upper perimeter edge (500) having an extension (520) on a portion of the longitudinal vertical walls (200); at least one bottom recess (430) placed in the bottom (100) of the container. The present invention also comprises a method for stacking at least two containers.

IPC 8 full level
B65D 1/00 (2006.01); **B65D 1/22** (2006.01); **B65D 1/38** (2006.01); **B65D 1/40** (2006.01); **B65D 1/42** (2006.01); **B65D 1/46** (2006.01); **B65D 21/00** (2006.01); **B65D 21/02** (2006.01); **B65D 85/00** (2006.01); **B65D 85/34** (2006.01)

CPC (source: EP)
B65D 1/00 (2013.01); **B65D 1/22** (2013.01); **B65D 1/38** (2013.01); **B65D 1/40** (2013.01); **B65D 1/42** (2013.01); **B65D 1/46** (2013.01); **B65D 21/00** (2013.01); **B65D 21/02** (2013.01); **B65D 21/0213** (2013.01); **B65D 85/00** (2013.01); **B65D 85/34** (2013.01)

Cited by
CN113044409A; WO2022170444A1

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

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3456645 A1 20190320; **EP 3456645 A4 20200318**; **EP 3456645 B1 20211020**; CL 2016000856 A1 20170714; PE 20190088 A1 20190114; WO 2017177347 A1 20171019

DOCDB simple family (application)
EP 17781698 A 20170405; CL 2016000856 A 20160412; CL 2017050017 W 20170405; PE 2018001989 A 20170405