

Title (en)

SYSTEM AND METHOD FOR RAISING AND LOWERING SIDEWALLS OF A COLLAPSIBLE STORAGE CONTAINER

Title (de)

SYSTEM UND VERFAHREN ZUM ANHEBEN UND ABSENKEN VON SEITENWÄNDEN EINES ZUSAMMENKLAPPBAREN SPEICHERBEHÄLTERS

Title (fr)

SYSTÈME ET PROCÉDÉ PERMETTANT DE LEVER ET D'ABAISSEZ DES PAROIS LATÉRALES D'UN CONTENEUR REPLIABLE

Publication

EP 3196151 A1 20170726 (EN)

Application

EP 17152474 A 20170120

Priority

US 201662281823 P 20160122

Abstract (en)

The present invention discloses a novel apparatus and way to aid in the folding of a shipping container. One or more spring assemblies are provided to control the load applied during the folding process by applying a torque to a series of torsion springs and bar extending along at least a portion of the length of the container sidewall.

IPC 8 full level

B65D 88/52 (2006.01)

CPC (source: CN EP US)

B65D 7/30 (2013.01 - US); **B65D 88/121** (2013.01 - US); **B65D 88/522** (2013.01 - CN EP US); **B65D 90/008** (2013.01 - US)

Citation (applicant)

- US 9022242 B2 20150505 - MEIJERS ARTHUR VINCENT MARIUS [NL], et al
- US 2016083176 A1 20160324 - KRAFT JOSHUA J [US]

Citation (search report)

- [IA] CN 204297396 U 20150429 - DALIAN CIMC LOGISTICS EQUIP CO, et al
- [IA] CN 201068294 Y 20080604 - CHINA INT SHIPPING CONTAINER [CN]
- [A] US 2014263297 A1 20140918 - CHURBUCK THOMAS K [US], et al

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 3196151 A1 20170726; CN 107089447 A 20170825; CN 207001347 U 20180213; US 2017210556 A1 20170727

DOCDB simple family (application)

EP 17152474 A 20170120; CN 201710243748 A 20170122; CN 201720390818 U 20170122; US 201715411427 A 20170120