

Title (en)
TANK CONTAINER WITH INCREASED VOLUME AND LOAD CAPACITY

Title (de)
TANKBEHÄLTER MIT ERHÖHTEM VOLUMEN UND LADEKAPAZITÄT

Title (fr)
CONTENEUR CITERNE AVEC VOLUME ACCRU ET UNE MEILLEURE CAPACITÉ DE CHARGE

Publication
EP 3798497 A3 20210623 (EN)

Application
EP 20189282 A 20160617

Priority
• BE 201505375 A 20150619
• EP 16175110 A 20160617

Abstract (en)
The present invention relates, in a first aspect, to a tank container, the use of a tank container, and a system for storing and/or transporting a gas and/or liquid, which tank container comprises an elongated, mainly cylindrical tank vessel, a frame and at least one outlet valve, wherein the frame comprises a front and back frame each with 2 or 4 corner castings with facilities for receiving or engaging with connection means, which are attached to said tank vessel of the tank container, characterized in that the gross weight of the tank container is more than 40000 kg (up to 75000 kg inclusive). By means of a better material quality for the corner castings of the tank container, it can be prevented that the container deforms permanently in case of high tonnages, e.g. when lifting. In a second aspect, the invention relates to a box container with 4 bottom corner castings, the use of a box container, and a system for storing and/or transporting solids, whereby the gross weight of the box container is more than 40000 kg (up to 75000 kg inclusive).

IPC 8 full level
F17C 13/08 (2006.01)

CPC (source: EP)
B65D 88/128 (2013.01); **F17C 13/081** (2013.01); **F17C 2201/0109** (2013.01); **F17C 2201/035** (2013.01); **F17C 2201/054** (2013.01); **F17C 2205/0107** (2013.01); **F17C 2205/0126** (2013.01); **F17C 2205/0323** (2013.01); **F17C 2205/0379** (2013.01); **F17C 2205/0394** (2013.01); **F17C 2223/0123** (2013.01); **F17C 2223/0153** (2013.01); **F17C 2260/015** (2013.01); **F17C 2270/0171** (2013.01); **F17C 2270/0173** (2013.01)

Citation (search report)
• [XD] EP 2730832 A2 20140514 - HOOL NV VAN [BE]
• [XI] US 2010320727 A1 20101223 - HAUT KENNETH [US], et al
• [XI] JP 2004106746 A 20040408 - SANYO UNYU KK
• [XI] NL 9301710 A 19940201 - HENDRIK BERNARDUS BASTIAAN VAN

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 3115676 A2 20170111; **EP 3115676 A3 20170412**; **EP 3115676 B1 20200805**; BE 1023050 B1 20161114; DK 3115676 T3 20201012; EP 3798497 A2 20210331; EP 3798497 A3 20210623; ES 2824163 T3 20210511; HR P20201579 T1 20201211; HU E051325 T2 20210301; LT 3115676 T 20210111; PL 3115676 T3 20210208; PT 3115676 T 20201012; RS 60972 B1 20201130; SI 3115676 T1 20201231

DOCDB simple family (application)
EP 16175110 A 20160617; BE 201505375 A 20150619; DK 16175110 T 20160617; EP 20189282 A 20160617; ES 16175110 T 20160617; HR P20201579 T 20201005; HU E16175110 A 20160617; LT 16175110 T 20160617; PL 16175110 T 20160617; PT 16175110 T 20160617; RS P20201195 A 20160617; SI 201630929 T 20160617