

Title (en)
PALLET CONTAINER

Title (de)
PALETTENCONTAINER

Title (fr)
RÉCIPIENT-PALETTE

Publication
EP 2897884 A1 20150729 (DE)

Application
EP 13765944 A 20130913

Priority
• DE 202012009327 U 20120921
• DE 202013000624 U 20130118
• EP 2013002753 W 20130913

Abstract (en)
[origin: CA2885586A1] The invention relates to a pallet container (10) for storing and transporting especially hazardous liquid products, comprising a replaceable thin-walled thermoplastic inner receptacle (16) for holding the liquid product, a tube grid frame (14) which tightly surrounds the inner receptacle (16) as a supporting jacket, is made of vertical and horizontal tubular bars that are welded together, and is secured to the upper outer edge of a forklift-adapted base pallet (12). The rectangular base pallet (12) has a flat top deck consisting of a thin sheet metal plate (18) as a support for the inserted inner receptacle (16) and a pallet understructure that includes four thermoplastic corner legs (24) and four thermoplastic central legs (26) therebetween. The base pallet also has a rectangular steel tube base ring (34) which extends peripherally in a horizontal direction on the floor side. The base pallet (12) is provided with means for diverting electric charges, said means being designed in such a way that the pallet understructure has an upper tubular frame that has four separate, equally long tube pieces (32) which extend diagonally directly below the metal plate (18) and the ends of which are secured to two adjacent central legs (26) in such a way that a rhombic support frame on which the metal plate (18) is mounted is formed below the base plate. The four separate tube pieces (32) are connected in an electrically conductive manner to the steel tube base ring (34) located on the floor side by means of adequate threaded joints (48) so that the pallet container of the invention is protected in a simple and elegant fashion against any type of electric charges.

IPC 8 full level
B65D 77/04 (2006.01)

CPC (source: EP IL RU US)
B65D 19/06 (2013.01 - IL US); **B65D 19/10** (2013.01 - IL US); **B65D 19/385** (2013.01 - IL US); **B65D 19/40** (2013.01 - IL US); **B65D 19/44** (2013.01 - IL US); **B65D 77/0466** (2013.01 - EP IL RU US); **B65D 2213/02** (2013.01 - EP IL US); **B65D 2519/00024** (2013.01 - EP IL US); **B65D 2519/00059** (2013.01 - EP IL US); **B65D 2519/00079** (2013.01 - IL US); **B65D 2519/00094** (2013.01 - EP IL US); **B65D 2519/00104** (2013.01 - EP IL US); **B65D 2519/00164** (2013.01 - IL US); **B65D 2519/00174** (2013.01 - IL US); **B65D 2519/00273** (2013.01 - EP IL US); **B65D 2519/00288** (2013.01 - EP IL US); **B65D 2519/00333** (2013.01 - EP IL US); **B65D 2519/00373** (2013.01 - EP IL US); **B65D 2519/00407** (2013.01 - IL US); **B65D 2519/00512** (2013.01 - IL US); **B65D 2519/00552** (2013.01 - IL US); **B65D 2519/00567** (2013.01 - EP IL US); **B65D 2519/00572** (2013.01 - EP IL US); **B65D 2519/0083** (2013.01 - IL US)

Citation (search report)
See references of WO 2014044372A1

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)
DE 202013000624 U1 20130307; AU 2013320652 A1 20150409; AU 2013320652 B2 20160811; AU 2013320655 A1 20150409; AU 2013320655 B2 20170223; BR 112015006168 A2 20170704; BR 112015006168 B1 20210112; BR 112015006173 A2 20170704; BR 112015006173 B1 20201124; CA 2885586 A1 20140327; CA 2885586 C 20190827; CA 2885588 A1 20140327; CA 2885588 C 20190903; CN 104936866 A 20150923; CN 104936866 B 20171103; CN 104955740 A 20150930; CN 104955740 B 20170922; DE 112013004620 A5 20150603; DE 112013004633 A5 20150625; DK 2897882 T3 20170306; DK 2897884 T3 20170206; EP 2897882 A1 20150729; EP 2897882 B1 20161130; EP 2897884 A1 20150729; EP 2897884 B1 20161102; ES 2610929 T3 20170504; ES 2616433 T3 20170613; HR P20170065 T1 20170310; HR P20170235 T1 20170407; HU E030781 T2 20170628; HU E031217 T2 20170728; IL 237712 A0 20150531; IL 237712 B 20190926; IL 237714 A0 20150531; IL 237714 B 20200531; IN 2547DEN2015 A 20150911; IN 2556DEN2015 A 20150911; JP 2015533734 A 20151126; JP 2015533736 A 20151126; JP 6223455 B2 20171101; JP 6223457 B2 20171101; KR 102100819 B1 20200416; KR 102100833 B1 20200416; KR 20150058456 A 20150528; KR 20150060808 A 20150603; MX 2015003615 A 20150605; MX 2015003617 A 20150605; MX 353013 B 20171218; MX 355879 B 20180503; MY 167971 A 20181009; MY 169047 A 20190208; PL 2897882 T3 20170630; PL 2897884 T3 20170331; RU 2015114700 A 20161110; RU 2015114775 A 20161120; RU 2633232 C2 20171011; RU 2633243 C2 20171011; SG 11201501866Y A 20150528; SG 11201502169P A 20150528; US 2015239608 A1 20150827; US 2015246748 A1 20150903; US 9233777 B2 20160112; US 9394077 B2 20160719; WO 2014044372 A1 20140327; WO 2014044375 A1 20140327; ZA 201501739 B 20170830

DOCDB simple family (application)
DE 202013000624 U 20130118; AU 2013320652 A 20130913; AU 2013320655 A 20130913; BR 112015006168 A 20130913; BR 112015006173 A 20130913; CA 2885586 A 20130913; CA 2885588 A 20130913; CN 201380060529 A 20130913; CN 201380060559 A 20130913; DE 112013004620 T 20130913; DE 112013004633 T 20130913; DK 13762751 T 20130913; DK 13765944 T 20130913; EP 13762751 A 20130913; EP 13765944 A 20130913; EP 2013002753 W 20130913; EP 2013002764 W 20130913; ES 13762751 T 20130913; ES 13765944 T 20130913; HR P20170065 T 20170116; HR P20170235 T 20170213; HU E13762751 A 20130913; HU E13765944 A 20130913; IL 23771215 A 20150312; IL 23771415 A 20150312; IN 2547DEN2015 A 20150327; IN 2556DEN2015 A 20150328; JP 2015532323 A 20130913; JP 2015532326 A 20130913; KR 20157010200 A 20130913; KR 20157010201 A 20130913; MX 2015003615 A 20130913; MX 2015003617 A 20130913; MY PI2015700880 A 20130913; MY PI2015700882 A 20130913; PL 13762751 T 20130913; PL 13765944 T 20130913; RU 2015114700 A 20130913; RU 2015114775 A 20130913;

SG 11201501866Y A 20130913; SG 11201502169P A 20130913; US 201314430117 A 20130913; US 201314430132 A 20130913;
ZA 201501739 A 20150313