

Title (en)  
Transport- and storage container for liquids

Title (de)  
Transport- und Lagerbehälter für Flüssigkeiten

Title (fr)  
Conteneur pour le transport et le stockage de liquide

Publication  
**EP 1439130 B1 20070314 (DE)**

Application  
**EP 04000207 A 20040108**

Priority  
DE 10301517 A 20030117

Abstract (en)  
[origin: US2004164082A1] A transport and storage container for liquids has a pallet bottom frame, a latticework enclosure connected to the bottom frame, and an inner container received in the enclosure. The vertical rods of the latticework enclosure are connected to upper and lower peripheral profiled edge sections. The vertical rods are hollow and have flattened upper ends shaped to a wave profile with welding projections. The upper profiled edge section is a hollow profiled section formed to a double bar that extends peripherally and transversely to the vertical rods and is shaped to have inner and outer wave profiles engaging one another. The outer wave profile has grooves, and the inner wave profile forms welding projections. The upper ends of the vertical rods and the double bar are connected by projection welding. The upper profiled edge section has a flat upper rim for supporting legs of a container stacked on top.

IPC 8 full level  
**B65D 19/10** (2006.01); **B65D 77/06** (2006.01); **B65D 77/04** (2006.01); **B65D 88/10** (2006.01)

CPC (source: EP US)  
**B65D 77/0466** (2013.01 - EP US)

Cited by  
EP2604545A1; DE102011087927B4; DE102011087927A1; US9004310B2

Designated contracting state (EPC)  
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LU MC NL PT RO SE SI SK TR

DOCDB simple family (publication)  
**US 2004164082 A1 20040826; US 7036662 B2 20060502**; AR 042893 A1 20050706; AT E356759 T1 20070415; AU 2004200153 A1 20040805; AU 2004200153 B2 20090910; BR PI0400030 A 20041228; BR PI0400030 B1 20141111; CN 100431929 C 20081112; CN 1557686 A 20041229; DE 10301517 B3 20040311; DE 502004003188 D1 20070426; DK 1439130 T3 20070723; EP 1439130 A1 20040721; EP 1439130 B1 20070314; ES 2280853 T3 20070916; JP 2004224441 A 20040812; JP 4089972 B2 20080528; MX PA04000440 A 20041112; MY 135355 A 20080331; NO 20040202 L 20040719; NO 327934 B1 20091026; PL 206614 B1 20100831; PL 364408 A1 20040726; RU 2004101417 A 20050627; RU 2261202 C1 20050927

DOCDB simple family (application)  
**US 76011304 A 20040116**; AR P040100113 A 20040116; AT 04000207 T 20040108; AU 2004200153 A 20040116; BR PI0400030 A 20040116; CN 200410002745 A 20040117; DE 10301517 A 20030117; DE 502004003188 T 20040108; DK 04000207 T 20040108; EP 04000207 A 20040108; ES 04000207 T 20040108; JP 2004007554 A 20040115; MX PA04000440 A 20040115; MY PI20040096 A 20040114; NO 20040202 A 20040116; PL 36440804 A 20040115; RU 2004101417 A 20040116