

Title (en)
SYNTHETIC-MATERIAL CONTAINER

Title (de)
KUNSTSTOFFBEHÄLTER

Title (fr)
CONTENANT EN MATIERE SYNTHETIQUE

Publication
EP 1171351 A1 20020116 (DE)

Application
EP 00927020 A 20000420

Priority
• DE 29907189 U 19990422
• EP 0003643 W 20000420

Abstract (en)
[origin: WO0064756A1] The invention relates to a container (10), consisting of a thermoplastic synthetic material which comprises side walls and a flat upper and lower base, whereby the upper base has at least one fill and evacuation opening (14). The outer periphery of said upper base is equipped with a continuous handling and transport ring (12). In order to more efficiently utilise hitherto unusable pallet storage areas, lying between the conventional round, plugged barrels in prior art, the container body has an approximately square cross-sectional surface with slightly convex side surfaces and slightly rounded corner areas. To counteract the tendency of the flat container walls to bulge as a result of this construction, the container body is equipped with reinforcing elements (22, 24) which run vertically and/or horizontally.

IPC 1-7
B65D 1/18; **B65D 1/42**

IPC 8 full level
B29C 49/48 (2006.01); **B65D 1/12** (2006.01); **B65D 1/18** (2006.01); **B65D 1/42** (2006.01); **B29L 22/00** (2006.01)

CPC (source: EP KR US)
B65D 1/14 (2013.01 - KR); **B65D 1/18** (2013.01 - EP US); **B65D 1/42** (2013.01 - EP US)

Designated contracting state (EPC)
AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)
WO 0064756 A1 20001102; AT E246124 T1 20030815; AU 4554700 A 20001110; AU 766998 B2 20031030; BR 0009880 A 20020108; CA 2371202 A1 20001102; CZ 20013745 A3 20020814; CZ 294748 B6 20050316; DE 10081067 D2 20030220; DE 50003111 D1 20030904; DK 1171351 T3 20031117; EP 1171351 A1 20020116; EP 1171351 B1 20030730; ES 2204585 T3 20040501; HU P0105361 A2 20020429; HU P0105361 A3 20020528; IL 145626 A0 20020630; IL 145626 A 20060801; JP 2002542130 A 20021210; KR 20020010133 A 20020202; MX PA01010192 A 20040910; NO 20015139 D0 20011022; NO 20015139 L 20011022; PL 350248 A1 20021202; TR 200102511 T2 20020422; US 6971540 B1 20051206

DOCDB simple family (application)
EP 0003643 W 20000420; AT 00927020 T 20000420; AU 4554700 A 20000420; BR 0009880 A 20000420; CA 2371202 A 20000420; CZ 20013745 A 20000420; DE 10081067 T 20000420; DE 50003111 T 20000420; DK 00927020 T 20000420; EP 00927020 A 20000420; ES 00927020 T 20000420; HU P0105361 A 20000420; IL 14562600 A 20000420; IL 14562601 A 20010925; JP 2000613720 A 20000420; KR 20017013381 A 20011019; MX PA01010192 A 20000420; NO 20015139 A 20011022; PL 35024800 A 20000420; TR 200102511 T 20000420; US 52552600 A 20000315