

Title (en)
THREE-DIMENSIONAL FRAME STRUCTURE OR SUPPORT STRUCTURE FOR TRANSPORTING AND/OR STORING AN OBJECT AND METHOD FOR THE PRODUCTION THEREOF

Title (de)
DREIDIMENSIONALE RAHMEN- BZW. SUPPORTSTRUKTUR FÜR EINEN TRANSPORT UND/ODER EINE LAGERUNG EINES GEGENSTANDS SOWIE VERFAHREN ZU IHRER HERSTELLUNG

Title (fr)
STRUCTURE CADRE OU SUPPORT TRIDIMENSIONNELLE POUR LE TRANSPORT ET/OU LE STOCKAGE D'UN OBJET, AINSI QUE PROCEDE POUR SA PRODUCTION

Publication
EP 1817235 A1 20070815 (DE)

Application
EP 05803951 A 20051118

Priority
• AT 2005000467 W 20051118
• AT 8462004 U 20041119

Abstract (en)
[origin: US2007221537A1] The invention relates to a three-dimensional frame structure or support structure (9) for transporting and/or storing at least one object, which has a multitude of support elements (1 - 6, 10), which are or can be joined to one another and extend at least along the outer edges of the frame structure or support structure (9) while defining it. The invention provides that each support element (1 - 6, 10) is made of a multilayered composite of tightly packed sheets or boards (12) made of a corrugated paper or cardboard material, particularly corrugated board. The invention also relates to a method for easily and rapidly producing a three-dimensional frame structure or support structure of the aforementioned type.

IPC 8 full level
B65D 19/20 (2006.01)

CPC (source: EP US)
B65D 19/20 (2013.01 - EP US); **B65D 2519/00019** (2013.01 - EP US); **B65D 2519/00054** (2013.01 - EP US); **B65D 2519/00159** (2013.01 - EP US); **B65D 2519/00228** (2013.01 - EP US); **B65D 2519/00273** (2013.01 - EP US); **B65D 2519/00278** (2013.01 - EP US); **B65D 2519/00293** (2013.01 - EP US); **B65D 2519/00323** (2013.01 - EP US); **B65D 2519/00333** (2013.01 - EP US); **B65D 2519/00497** (2013.01 - EP US); **B65D 2519/00502** (2013.01 - EP US); **B65D 2519/00532** (2013.01 - EP US); **B65D 2519/00567** (2013.01 - EP US); **B65D 2519/00606** (2013.01 - EP US); **B65D 2519/00641** (2013.01 - EP US); **B65D 2519/00676** (2013.01 - EP US)

Citation (search report)
See references of WO 2006053365A1

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

Designated extension state (EPC)
AL BA HR MK YU

DOCDB simple family (publication)
US 2007221537 A1 20070927; **US 7726501 B2 20100601**; AT 8289 U1 20060515; AT E477189 T1 20100815; AU 2005306562 A1 20060526; BR PI0518323 A2 20081111; CA 2585001 A1 20060526; CN 101061039 A 20071024; DE 502005010087 D1 20100923; DK 1817235 T3 20101129; EP 1817235 A1 20070815; EP 1817235 B1 20100811; ES 2350518 T3 20110124; IL 182556 A0 20070920; IL 182556 A 20110731; MX 2007005725 A 20080207; NZ 554564 A 20100827; PL 1817235 T3 20110531; RU 2007122755 A 20081227; RU 2406667 C2 20101220; WO 2006053365 A1 20060526; ZA 200704021 B 20080430

DOCDB simple family (application)
US 80214607 A 20070521; AT 05803951 T 20051118; AT 2005000467 W 20051118; AT 8462004 U 20041119; AU 2005306562 A 20051118; BR PI0518323 A 20051118; CA 2585001 A 20051118; CN 200580039521 A 20051118; DE 502005010087 T 20051118; DK 05803951 T 20051118; EP 05803951 A 20051118; ES 05803951 T 20051118; IL 18255607 A 20070415; MX 2007005725 A 20051118; NZ 55456405 A 20051118; PL 05803951 T 20051118; RU 2007122755 A 20051118; ZA 200704021 A 20070518