

Title (en)
MODULAR INTERLOCKING CONTAINERS

Title (de)
MODULAR VERNETZTE BEHÄLTER

Title (fr)
CONTENANTS À VERROUILLAGE MUTUEL MODULAIRES

Publication
EP 2467306 B1 20140430 (EN)

Application
EP 10810617 A 20100820

Priority
• US 23568709 P 20090821
• US 2010046060 W 20100820

Abstract (en)
[origin: WO2011022578A2] The invention includes a scalable, modular interlocking container with a multi-purpose use. Vertical and horizontal interconnectivity are achieved through interlocking mechanisms. An exemplary first use is for transporting and/or storing liquids or solids that can be poured. An exemplary second use is for a sturdy, low cost, easily assembled building block material of a standardized nature. Each modular unit slide-locks with other units to form strong wall and building structures that can be filled with natural earth, sand or other such materials, thereby forming a sturdy structure without the use of mortar, and can adapt to uneven base surfaces typically found in natural terrain.

IPC 8 full level
B65D 21/032 (2006.01); **B65D 21/028** (2006.01); **B65D 23/10** (2006.01); **B65D 25/28** (2006.01); **B65D 81/36** (2006.01)

CPC (source: EP)
B65D 21/0204 (2013.01); **B65D 21/0231** (2013.01); **B65D 23/10** (2013.01); **B65D 23/106** (2013.01); **B65D 81/361** (2013.01); **E04B 2/06** (2013.01); **E04B 2002/0232** (2013.01); **E04B 2002/0234** (2013.01)

Cited by
CN111924273A; CN111924274A

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 SE SI SK SM TR

DOCDB simple family (publication)
WO 2011022578 A2 20110224; WO 2011022578 A3 20110929; EP 2467306 A2 20120627; EP 2467306 A4 20130123;
EP 2467306 B1 20140430; WO 2011022585 A2 20110224; WO 2011022585 A3 20110616

DOCDB simple family (application)
US 2010046060 W 20100820; EP 10810617 A 20100820; US 2010046075 W 20100820