

Title (en)
UNIVERSAL CONTAINER LOCKING SYSTEM

Title (de)
UNIVERSALBEHÄLTERVERRIEGELUNGSSYSTEM

Title (fr)
SYSTEME DE VERROUILLAGE DE CONTENEUR UNIVERSEL

Publication
EP 2310302 B1 20120919 (EN)

Application
EP 09790309 A 20090710

Priority
• US 2009050331 W 20090710
• US 7962008 P 20080710

Abstract (en)
[origin: WO2010006317A1] A universal container locking system for cargo containers. The system includes an actuating mechanism (20) located in the top corner casting (16a) of the cargo container, and a locking mechanism (22) located in the bottom corner fitting (16b) of the cargo container. The actuating mechanism is coupled to the locking mechanism such that rotation of a pick cone (19) positioned in the top corner fitting from its initial insertion position to an orientation approximately 45° does not cause rotation of the locking cone (28) extending from the bottom corner fitting while subsequent rotation of the pick cone from an orientation of approximately 45° to an orientation of approximately 90° causes the locking cone extending from the bottom corner fitting to rotate approximately 45° from the locked position to the unlocked positions.

IPC 8 full level
B65D 90/00 (2006.01)

CPC (source: EP US)
B65D 90/0013 (2013.01 - EP US)

Cited by
CN108482847A

Designated contracting state (EPC)
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 2010006317 A1 20100114; CN 102149617 A 20110810; CN 102149617 B 20120613; EP 2310302 A1 20110420; EP 2310302 B1 20120919; US 2011155614 A1 20110630

DOCDB simple family (application)
US 2009050331 W 20090710; CN 200980135222 A 20090710; EP 09790309 A 20090710; US 200913003469 A 20090710