

Title (en)
CONNECTION SYSTEM FOR STACKABLE CONTAINERS

Title (de)
VERBINDUNGSSYSTEM FÜR STAPELBARE BEHÄLTER

Title (fr)
SYSTEME DE LIAISON POUR RECIPIENTS EMPILABLES

Publication
EP 1851124 B1 20081015 (DE)

Application
EP 06701088 A 20060131

Priority
• CH 2006000060 W 20060131
• CH 2922005 A 20050218

Abstract (en)
[origin: WO2006086900A1] The invention relates to a connection system, which enables several stackable containers (1, 2) to be interconnected for storage and transport purposes. Said system is equipped with connection elements (4), which automatically engage with one another, when the containers (1, 2) are stacked on top of one another. The connection elements (4), retaining ribs (16) and force absorption ribs (21) on the containers (1, 2) are configured in such a way that lifting forces are directly transmitted from a second container (2) to a first container (1) by means of a locking element (15) on the connection elements.

IPC 8 full level
B65D 21/02 (2006.01)

CPC (source: EP US)
B65D 21/0209 (2013.01 - EP US); **B65D 21/0228** (2013.01 - EP US); **Y10T 403/59** (2015.01 - EP US)

Cited by
DE102015121863A1; EP2703310A1; DE102021104498A1; US9131770B2

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

DOCDB simple family (publication)
WO 2006086900 A1 20060824; AT E411226 T1 20081015; DE 502006001833 D1 20081127; EP 1851124 A1 20071107; EP 1851124 B1 20081015; RU 2007134585 A 20090327; RU 2381157 C2 20100210; US 2008121547 A1 20080529

DOCDB simple family (application)
CH 2006000060 W 20060131; AT 06701088 T 20060131; DE 502006001833 T 20060131; EP 06701088 A 20060131; RU 2007134585 A 20060131; US 81540606 A 20060131