

Title (en)
CONTAINER COMPRISING AN ELECTRICALLY DRIVEN INTERLOCKING MECHANISM

Title (de)
BEHÄLTER MIT ELEKTRISCH ANGETRIEBENEM VERRIEGELUNGSMECHANISMUS

Title (fr)
CONTENEUR EQUIPE D'UN MECANISME DE VERROUILLAGE A COMMANDE ELECTRIQUE

Publication
EP 1476374 B1 20060614 (DE)

Application
EP 02714051 A 20020220

Priority
DE 0200623 W 20020220

Abstract (en)
[origin: WO03070604A1] The invention relates to containers comprising an electrically driven interlocking mechanism. The aim of the invention is to provide a container, configured in such a way that it can be interlocked with other containers of a similar type without manual intervention and that several stacked containers can be simultaneously displaced. To achieve this, the container comprises corners containing electrically driven, rotatable and displaceable interlocking devices, which have interlocking elements in the vicinity of their lower ends. Said interlocking elements engage in corresponding corner castings of a similar-type container arranged below, said castings being located on the upper corner regions and being designed to receive the interlocking devices, thus interlocking the containers.

IPC 8 full level
B65D 90/00 (2006.01); **A45C 13/10** (2006.01)

CPC (source: EP KR US)
B61D 5/08 (2013.01 - KR); **B65D 88/12** (2013.01 - KR); **B65D 90/0013** (2013.01 - EP US); **Y10T 24/28** (2015.01 - 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 TR

DOCDB simple family (publication)
WO 03070604 A1 20030828; AU 2002246020 A1 20030909; CN 1278912 C 20061011; CN 1620394 A 20050525; DE 50207236 D1 20060727; EP 1476374 A1 20041117; EP 1476374 B1 20060614; HK 1071115 A1 20050708; KR 100667712 B1 20070112; KR 20040081207 A 20040920; US 2005103647 A1 20050519; US 7000765 B2 20060221

DOCDB simple family (application)
DE 0200623 W 20020220; AU 2002246020 A 20020220; CN 02828210 A 20020220; DE 50207236 T 20020220; EP 02714051 A 20020220; HK 05101124 A 20050212; KR 20047012931 A 20020220; US 50560904 A 20040820