

Title (en)
TRANSPORT CONTAINER

Title (de)
TRANSPORTBEHÄLTER

Title (fr)
CONTENEUR DE TRANSPORT

Publication
EP 3251963 A1 20171206 (EN)

Application
EP 16172575 A 20160602

Priority
EP 16172575 A 20160602

Abstract (en)
The invention is about a transport container comprising an outer box (2, 52), a lower support structure (1, 10, 53, 71, 133) and an upper support structure (31, 41, 54, 81, 102, 121, 134, 135) placed inside the outer box (2, 52), which lower support structure (1, 10, 53, 71, 133) has a downwards narrowing conical shape which centers a bottle (7, 51, 101, 132) or a can (72, 82, 122, 131) in to desired location in the outer box (2, 52) and the upper support structure (31, 41, 54, 81, 102, 121, 134, 135) has at least one opening (35, 42, 83) which is in a contact with the shoulder area of at least one bottle (7, 51, 101, 132) or can (72, 82, 122, 131) and supports it both vertically and horizontally to the inner side of the outer box (2, 52).

IPC 8 full level
B65D 5/50 (2006.01)

CPC (source: EP)
B65D 5/503 (2013.01); **B65D 5/5059** (2013.01)

Citation (applicant)

- US 8230997 B1 20120731 - MCWILLIAMS GLENN P [US], et al
- CN 203855001 U 20141001 - UNIV TIANJIN COMMERCE
- CN 201154819 Y 20081126 - SICHUAN YIBIN WULIANGYE GROUP [CN]
- CN 2600370 Y 20040121 - ZHANG JIALIN [CN]

Citation (search report)

- [X1] NL 2008559 C2 20131001 - ODIFLOLAU HOLDING B V
- [X1] EP 1752390 A1 20070214 - IBIDEN CO LTD [JP]
- [ID] US 8230997 B1 20120731 - MCWILLIAMS GLENN P [US], et al
- [I] WO 2015049702 A1 20150409 - NAKURU SRL [IT]
- [A] JP 2007153368 A 20070621 - RENGO CO LTD
- [A] CN 203033042 U 20130703 - GUANGDONG T & K PHARMACEUTICAL CO LTD

Cited by
WO2020225707A1

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 RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
EP 3251963 A1 20171206; EE 01447 U1 20181217; FI 11731 U1 20170721

DOCDB simple family (application)
EP 16172575 A 20160602; EE U201700028 U 20170601; FI U20174140 U 20170523