

Title (en)
Device for lifting containers

Title (de)
Vorrichtung zum Heben von Behältern

Title (fr)
Dispositif de levage de récipients

Publication
EP 2669243 B1 20161019 (DE)

Application
EP 13170046 A 20130531

Priority
DE 102012104710 A 20120531

Abstract (en)
[origin: EP2669243A1] The device (1) has cylindrical housing (20) that accommodates piston (22) connected with piston rod (24) for transmitting reciprocating motion to container. An anti-rotation device (4) is accommodated in cylindrical housing for preventing rotation of piston rod with respect to cylindrical housing.

IPC 8 full level
B67C 3/24 (2006.01)

CPC (source: EP)
B67C 3/242 (2013.01); **B67C 3/244** (2013.01)

Citation (examination)
"VDMA Kompaktzylinder", March 2001 (2001-03-01), Retrieved from the Internet <URL:http://www.nor-service.hu/files/pdf/de_ds/Actuators/Antriebe/N_D_1_4_087.pdf> [retrieved on 20150715]

Cited by
EP4365094A1; CN107380498A; CN111650828A; EP3819256A1; IT201900020730A1; US11390510B2; WO2021136581A1; WO2024094585A1

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

DOCDB simple family (publication)
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DOCDB simple family (application)
EP 13170046 A 20130531; CN 201310195023 A 20130523; DE 102012104710 A 20120531