

Title (en)
HANDLING MACHINE FOR CONTAINERS

Title (de)
BEHANDLUNGSMASCHINE FÜR BEHÄLTER

Title (fr)
MACHINE DE CONDITIONNEMENT DE CONTENANTS

Publication
EP 2714528 A1 20140409 (DE)

Application
EP 12718072 A 20120418

Priority
• DE 102011103837 A 20110601
• EP 2012001668 W 20120418

Abstract (en)
[origin: WO2012163449A1] The invention relates to a handling machine for containers (1), for example for bottles (1), cans or the like. Said machine, which is preferably embodied as a container closing machine, is equipped at least with a supporting column (6) and at least one manipulation unit (4, 5) connected to the column (6) for the containers (1). In addition, at least one direct drive (7, 8) having a stator (7) and rotor (8) is provided between the column (6) and the manipulation unit (4, 5) to produce a reciprocal relative motion. According to the invention, the stator (7) is arranged in the interior of the column (6) and the rotor (8) is arranged in the interior of a ring (5) of the manipulation unit (4, 5) spanning the column (6), or vice versa. The rotor (8) and the stator (7) lie opposite and at a small distance from one another in an identical radial plane (E1).

IPC 8 full level
B65C 9/00 (2006.01); **B67B 3/00** (2006.01); **B67C 3/22** (2006.01)

CPC (source: EP US)
B65B 7/28 (2013.01 - US); **B65C 9/00** (2013.01 - EP US); **B67B 3/00** (2013.01 - EP US); **B67C 3/22** (2013.01 - EP US)

Citation (search report)
See references of WO 2012163449A1

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)
DE 102011103837 A1 20121206; EP 2714528 A1 20140409; EP 2714528 B1 20160720; SI 2714528 T1 20160930;
US 2014096482 A1 20140410; WO 2012163449 A1 20121206

DOCDB simple family (application)
DE 102011103837 A 20110601; EP 12718072 A 20120418; EP 2012001668 W 20120418; SI 201230670 A 20120418;
US 201214123318 A 20120418