

Title (en)

A MACHINE FOR MOVING AND HANDLING CONTAINERS ADAPTED TO CONTAIN A POURABLE PRODUCT

Title (de)

MASCHINE ZUM BEWEGEN UND HANDHABEN VON BEHÄLTERN, DIE EIN RIESELFÄHIGES PRODUKT ENTHALTEN

Title (fr)

MACHINE PERMETTANT DE DÉPLACER ET MANIPULER DES CONTENANTS CONÇUS POUR CONTENIR UN PRODUIT FLUIDE

Publication

EP 4072947 A1 20221019 (EN)

Application

EP 19818019 A 20191209

Priority

EP 2019084139 W 20191209

Abstract (en)

[origin: WO2021115545A1] There is described a machine (1) for moving and handling containers (2) adapted to contain a pourable product, said machine (1) comprising: a working table (4) having a working surface (5) along which the containers (2) are moved; an input station (I) at which the containers (2) are fed, in use, to the working table (4); an output station (O) at which the containers (2) exit, in use, the working table (4); at least two handling units (3) arranged in proximity to the working table (4) and configured to perform respective handling and/or treating operations on the containers (2); at least one conveying member (8) movable onto the working surface (5) according to a predetermined movement scheme (M, N) and configured to receive at least one container (2) at a time at the input station (I), to convey the container (2) along the working surface (5) and at the handling units (3), and to release the container (2) at the output station (O); and a magnetic-inductive interaction device (14) between the conveying member (8) and the working table (4) for producing a levitating movement of the conveying member (8) with respect to the working surface (5).

IPC 8 full level

B65B 65/00 (2006.01); **B65G 54/02** (2006.01); **B67C 3/24** (2006.01)

CPC (source: EP)

B65B 65/003 (2013.01); **B65C 9/04** (2013.01); **B65G 54/02** (2013.01); **B67C 3/24** (2013.01); **B65G 2201/0244** (2013.01)

Citation (search report)

See references of WO 2021115545A1

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)

WO 2021115545 A1 20210617; EP 4072947 A1 20221019

DOCDB simple family (application)

EP 2019084139 W 20191209; EP 19818019 A 20191209