Title (en)
METHOD AND MACHINE FOR FILLING CONTAINERS WITH A POURABLE PRODUCT

Title (de)
VERFAHREN UND MASCHINE ZUM FÜLLEN VON BEHÄLTERN MIT EINEM FLIESSFÄHIGEN PRODUKT

Title (fr)
PROCÉDÉ ET MACHINE DE REMPLISSAGE DE RÉCIPIENTS AVEC UN PRODUIT POUVANT ÊTRE VERSÉ

Publication
EP 4072948 A1 20221019 (EN)

Application
EP 19818039 A 20191209

Priority
EP 2019084277 W 20191209

Abstract (en)
[origin: WO2021115559A1] There is described a method for filling containers (2) with a pourable product, the method comprising the steps of: a) positioning at least one container (2) at a time on a movable conveying member (8); b) arranging the conveying member (8) on a support structure (4) having a working surface (5); c) producing a magnetic-inductive interaction between the conveying member (8) and the support structure (4); d) moving the conveying member (8) along the working surface (5) in a levitating manner at a non-zero distance (A, B, C) from the working surface (5) by means of the magnetic-inductive interaction produced at the step c) of producing; e) conveying the at least one container (2) at a filling station during the step d) of moving by means of the conveying member (8); f) filling the container (2) conveyed at step e) with the pourable product; g) detecting a physical quantity between the conveying member (8) and the support structure (4) during the step f) of filling; and h) interrupting the step f) of filling when the physical quantity detected at step g) reaches a predetermined value.

IPC 8 full level
B65B 65/00 (2006.01); B67C 3/20 (2006.01); B67C 3/24 (2006.01)

CPC (source: EP)
B67C 3/202 (2013.01); B67C 3/24 (2013.01); B65G 54/02 (2013.01); B65G 2201/0261 (2013.01)

Citation (search report)
See references of WO 2021115559A1

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 2021115559 A1 20210617; EP 4072948 A1 20221019

DOCDB simple family (application)
EP 2019084277 W 20191209; EP 19818039 A 20191209