

Title (en)

DEVICE AND METHOD FOR PLACING BAGS IN A FILLING MOUTH

Title (de)

VORRICHTUNG UND VERFAHREN ZUM PLATZIEREN VON BEUTELN IN EINER EINFÜLLÖFFNUNG

Title (fr)

DISPOSITIF ET PROCÉDÉ DE PLACEMENT DE SACS DANS UNE OUVERTURE DE REMPLISSAGE

Publication

EP 4253258 A1 20231004 (EN)

Application

EP 22382303 A 20220330

Priority

EP 22382303 A 20220330

Abstract (en)

The device comprises a filling mouth (1) that feeds the product inside the bag; hands (2) that hold and move an empty bag, the hands (2) being movable between the following positions: a collecting position (P0) in which the bag is collected; a waiting position (P1) in which the bag is placed closer to the filling mouth (1) than in the collecting position; a filling position (P2) in which the bag is taken by filling mouth clamps (10); and a bag releasing position (P3) in which the system releases the bag once it has been taken by the filling mouth clamps (10). The method comprises placing a bag in the cited positions. It permits to provide a device in which the time lost for the placement of a bag is reduced, in comparison to the conventional devices for placing bags in a filling mouth.

IPC 8 full level

B65B 1/00 (2006.01); **B65B 43/30** (2006.01); **B65B 43/46** (2006.01)

CPC (source: EP)

B65B 1/00 (2013.01); **B65B 43/30** (2013.01); **B65B 43/465** (2013.01)

Citation (search report)

- [I] IT MI20121877 A1 20140503 - CONCETTI SPA
- [I] US 9802724 B2 20171031 - VOLLENKEMPER WILLI [DE]
- [I] US 4074507 A 19780221 - RUF WALTER, et al
- [I] US 6134864 A 20001024 - MCGREGOR HAROLD R [US], et al
- [I] WO 9965774 A1 19991223 - SLIDELL INC [US]

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

Designated validation state (EPC)

KH MA MD TN

DOCDB simple family (publication)

EP 4253258 A1 20231004

DOCDB simple family (application)

EP 22382303 A 20220330