

Title (en)

FILLING MACHINE FOR FILLING OPEN MOUTH BAGS WITH BULK MATERIAL AND CLEANING DEVICE

Title (de)

ABFÜLLMASCHINE ZUM FÜLLEN VON OFFENSÄCKEN MIT SCHÜTTGUT UND REINIGUNGSVORRICHTUNG

Title (fr)

MACHINE DE REMPLISSAGE POUR REMPLIR DES SACS OUVERTS AVEC DES MATERIAUX EN VRAC

Publication

EP 3621752 B1 20210324 (DE)

Application

EP 18727687 A 20180508

Priority

- DE 102017109873 A 20170508
- EP 2018061921 W 20180508

Abstract (en)

[origin: CA3062235A1] Compaction station (100) and method with a compacting device (101) for compacting open-mouth bags (3) filled with bulk materials comprising a container (110) with a tubular inner wall (111) and a takeup space (112) for taking up a filled open-mouth bag (3), and a support unit (231) on a height-displaceable lifting device (102), wherein when the lifting device (102) is in a lowered position (103) the support unit (231) is supported from beneath and when in an elevated position (104), it is suitable to take over a filled open-mouth bag (3) from an adjacent conveyor device (106). A pressure plug (120) that can be lowered from above is comprised which when in a lowered position (121) acts on the bulk material from above, and in an elevated position (122) allows takeover of a filled open-mouth bag (3) from an adjacent conveyor device (106).

IPC 8 full level

B08B 3/02 (2006.01); **B65B 1/02** (2006.01); **B65B 1/04** (2006.01); **B65B 39/06** (2006.01); **B65B 43/12** (2006.01); **B65B 43/14** (2006.01); **B65B 43/26** (2006.01); **B65B 43/42** (2006.01); **B65B 59/00** (2006.01); **B65B 65/00** (2006.01)

CPC (source: EP US)

B08B 9/087 (2013.01 - EP US); **B08B 9/093** (2013.01 - EP US); **B65B 1/02** (2013.01 - EP US); **B65B 1/06** (2013.01 - EP US); **B65B 1/24** (2013.01 - EP US); **B65B 1/26** (2013.01 - EP US); **B65B 1/36** (2013.01 - EP); **B65B 43/44** (2013.01 - EP US); **B65B 43/465** (2013.01 - EP US); **B65B 43/50** (2013.01 - EP); **B65B 55/24** (2013.01 - EP US)

Cited by

CN117138476A

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 102017109873 A1 20181108; CA 3062235 A1 20181115; CA 3062520 A1 20191105; CN 110691654 A 20200114; CN 110691654 B 20220531; CN 110770131 A 20200207; CN 110770131 B 20220610; EP 3621752 A1 20200318; EP 3621752 B1 20210324; EP 3621881 A1 20200318; EP 3621881 B1 20210630; ES 2877626 T3 20211117; ES 2892335 T3 20220203; US 11273942 B2 20220315; US 11305907 B2 20220419; US 2020062434 A1 20200227; US 2021078743 A1 20210318; WO 2018206602 A1 20181115; WO 2018206607 A1 20181115

DOCDB simple family (application)

DE 102017109873 A 20170508; CA 3062235 A 20180508; CA 3062520 A 20180508; CN 201880030013 A 20180508; CN 201880040167 A 20180508; EP 18727687 A 20180508; EP 18727688 A 20180508; EP 2018061921 W 20180508; EP 2018061929 W 20180508; ES 18727687 T 20180508; ES 18727688 T 20180508; US 201816611804 A 20180508; US 201816611812 A 20180508