

Title (en)
DEVICE FOR THE EXTRACTION OF GAS FROM THE UPPER PART OF A BAG CONTAINING A POWDERY MATERIAL, MACHINE AND CORRESPONDING PROCEDURE

Title (de)
VORRICHTUNG ZUR EXTRAKTION VON GAS AUS DEM OBEREN TEIL EINES SACKES, DER EIN PULVERFÖRMIGES MATERIAL ENTHÄLT, MASCHINE UND ENTSPRECHENDES VERFAHREN

Title (fr)
DISPOSITIF D'EXTRACTION DE GAZ DE LA PARTIE SUPÉRIEURE D'UN SAC CONTENANT UNE MATIÈRE PULVÉRULENTE, MACHINE ET PROCÉDÉ CORRESPONDANT

Publication
EP 4108578 B1 20240522 (EN)

Application
EP 20720495 A 20200217

Priority
ES 2020070108 W 20200217

Abstract (en)
[origin: EP4108578A1] The invention relates to a device (1) for extracting gas from the upper part of a bag (100) containing a powdered material, corresponding machine and method. The device (1) comprises cannulas (2) with gas driving means (4) at a distal end (6) and first clamps (10). The cannulas (2) are movable along a first direction (A) for being inserted into the opening (102) of a bag (100), and along a second direction (B), perpendicular to said first direction (A), for holding the opening of the bag (100) in a spaced position. The clamps (10) can be moved between an open position and a closed position in which the opening (102) is pressed between the first clamps (10). When the cannulas (2) are in said spaced position and the first clamps (10) are in said closed position of the first clamps, the first clamps (10) are movable along said first direction (A), in the direction moving away from the opening of the bag for extracting gas from said bag (100) .

IPC 8 full level
B65B 31/04 (2006.01); **B65B 1/26** (2006.01); **B65B 39/12** (2006.01); **B65B 55/24** (2006.01)

CPC (source: EP)
B65B 1/26 (2013.01); **B65B 31/042** (2013.01); **B65B 31/048** (2013.01); **B65B 55/24** (2013.01)

Citation (examination)
EP 2103520 B1 20110817 - HAVER & BOECKER OHG [DE]

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)
EP 4108578 A1 20221228; **EP 4108578 B1 20240522**; **EP 4108578 C0 20240522**; WO 2021165550 A1 20210826

DOCDB simple family (application)
EP 20720495 A 20200217; ES 2020070108 W 20200217