

Title (en)

AN APPARATUS AND A METHOD FOR TREATING MATERIAL

Title (de)

VORRICHTUNG UND VERFAHREN ZUR BEHANDLUNG VON MATERIAL

Title (fr)

APPAREIL ET PROCÉDÉ DE TRAITEMENT DES MATÉRIAUX

Publication

EP 3990198 A4 20230118 (EN)

Application

EP 19935216 A 20190628

Priority

FI 2019050514 W 20190628

Abstract (en)

[origin: WO2020260748A1] Disclosed is an apparatus for handling solid material (7), comprising one or more transport tubes (12) arranged to receive a unit dose (10) of the material (7) to be treated, one or more treatment containers (29, 30, 31), and a source (27a) of transferring force to be targeted at the unit dose (10) of the material (7) to be treated, wherein the transferring force (27a) is arranged to carry the unit dose (10) in the transport tube (12), wherein one or more transport tubes (12) are connected to at least one treatment container (29, 30, 31) to move the unit dose (10) of the material to be treated along the transport tube (12) to the treatment container (29, 30, 31). Also disclosed is a method for handling solid material using the apparatus.

IPC 8 full level

B09B 3/70 (2022.01); **B03B 9/06** (2006.01); **B09B 3/30** (2022.01); **B09B 3/50** (2022.01); **B65G 51/04** (2006.01); **C22B 3/02** (2006.01); **C23C 18/16** (2006.01); **C25C 3/00** (2006.01)

CPC (source: EP)

B09B 3/00 (2013.01); **B09B 3/40** (2022.01); **B09B 5/00** (2013.01); **C22B 3/02** (2013.01); **C22B 7/006** (2013.01); **C25C 7/00** (2013.01); **C25F 7/00** (2013.01); **C25D 11/005** (2013.01); **C25D 13/22** (2013.01); **Y02P 10/20** (2015.11)

Citation (search report)

- No further relevant documents disclosed
- See references of WO 2020260748A1

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)

WO 2020260748 A1 20201230; EP 3990198 A1 20220504; EP 3990198 A4 20230118

DOCDB simple family (application)

FI 2019050514 W 20190628; EP 19935216 A 20190628