



(11) **EP 3 733 818 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

(15) Correction information:  
**Corrected version no 1 (W1 B1)**  
**Corrections, see**  
**Bibliography INID code(s) 73**

(48) Corrigendum issued on:  
**22.03.2023 Bulletin 2023/12**

(45) Date of publication and mention  
of the grant of the patent:  
**01.02.2023 Bulletin 2023/05**

(21) Application number: **18894438.3**

(22) Date of filing: **21.12.2018**

(51) International Patent Classification (IPC):  
**C10B 41/00** (2006.01) **C10B 43/00** (2006.01)  
**G01D 21/02** (2006.01) **G01F 23/00** (2006.01)  
**G01F 17/00** (2006.01) **G01H 17/00** (2006.01)  
**G05B 13/04** (2006.01) **C21B 5/00** (2006.01)  
**C21B 7/24** (2006.01) **F27B 1/20** (2006.01)  
**F27B 1/28** (2006.01) **F27D 3/00** (2006.01)  
**F27D 21/00** (2006.01)

(52) Cooperative Patent Classification (CPC):  
**C21B 5/008; C21B 7/24; F27B 1/20; F27B 1/28;**  
**F27D 3/0033; F27D 21/0035; G01D 21/02;**  
**G01F 17/00; G01F 23/00; G01H 17/00;**  
**G05B 13/04; F27D 2003/0063; F27D 2021/0042**

(86) International application number:  
**PCT/KR2018/016534**

(87) International publication number:  
**WO 2019/132458 (04.07.2019 Gazette 2019/27)**

(54) **ATTACHED ORE MEASURING DEVICE FOR COKE BIN**

VORRICHTUNG ZUM MESSEN DES ERZES EINES KOKSBEHÄLTERS

DISPOSITIF DE MESURE DE MINERAI LIÉ POUR BAC À COKE

(84) Designated Contracting States:  
**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**

(30) Priority: **26.12.2017 KR 20170180277**

(43) Date of publication of application:  
**04.11.2020 Bulletin 2020/45**

(73) Proprietor: **POSCO Co., Ltd**  
**Pohang-si, Gyeongsangbuk-do 37859 (KR)**

(72) Inventors:  
• **KIM, Do-Hun**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**  
• **LEE, Jin-Hwi**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**  
• **HONG, Seong-Bu**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**  
• **KANG, Tae-Wook**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**

- **MIN, Cheol-Gi**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**
- **JUNG, Chul-Woo**  
**Gyeongsangbuk-do 37877 (KR)**
- **PARK, Chul-Woo**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**
- **KIM, Seok-Woong**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**
- **LEE, Ung-Gil**  
**Pohang-si Gyeongsangbuk-do 37877 (KR)**

(74) Representative: **Zech, Stefan Markus**  
**Meissner Bolte Patentanwälte**  
**Rechtsanwälte Partnerschaft mbB**  
**Postfach 86 06 24**  
**81633 München (DE)**

(56) References cited:  
**WO-A1-2018/117731 KR-A- 20020 048 558**  
**KR-A- 20030 055 024 KR-A- 20040 042 319**  
**KR-A- 20050 064 732 KR-A- 20090 033 654**  
**KR-B1- 100 864 446 KR-B1- 101 658 180**

Note: Within nine months of the publication of the mention of the grant of the European patent in the European Patent Bulletin, any person may give notice to the European Patent Office of opposition to that patent, in accordance with the Implementing Regulations. Notice of opposition shall not be deemed to have been filed until the opposition fee has been paid. (Art. 99(1) European Patent Convention).