



(11) **EP 3 191 826 B8**

(12) **CORRECTED EUROPEAN PATENT SPECIFICATION**

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

(51) International Patent Classification (IPC):
G01N 9/00 (2006.01) **G01N 27/02** (2006.01)
G01N 33/28 (2006.01) **G01F 1/86** (2006.01)
G01N 11/00 (2006.01)

(48) Corrigendum issued on:
30.04.2025 Bulletin 2025/18

(52) Cooperative Patent Classification (CPC):
G01N 27/026; G01N 9/00; G01N 33/2823;
G01F 1/86; G01N 2011/0066

(45) Date of publication and mention
of the grant of the patent:
12.03.2025 Bulletin 2025/11

(86) International application number:
PCT/GB2015/052643

(21) Application number: **15766219.8**

(87) International publication number:
WO 2016/038391 (17.03.2016 Gazette 2016/11)

(22) Date of filing: **11.09.2015**

(54) **DENSITY MEASUREMENT SYSTEM AND METHOD**

DICHTEMESSSYSTEM UND -VERFAHREN

SYSTÈME ET PROCÉDÉ DE MESURE DE LA DENSITÉ

(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

GB-A- 2 507 368 JP-A- 2012 202 924
JP-A- H08 271 309 US-A1- 2013 144 548

(30) Priority: **12.09.2014 GB 201416182**

(43) Date of publication of application:
19.07.2017 Bulletin 2017/29

(73) Proprietor: **Process Flow Intelligence Ltd**
Manchester M1 4LF (GB)

(72) Inventors:
• **QIU, Changhua**
Manchester M3 3JZ (GB)
• **PRIMROSE, Kenneth**
Manchester M3 3JZ (GB)

(74) Representative: **Marks & Clerk LLP**
15 Fetter Lane
London EC4A 1BW (GB)

(56) References cited:
EP-A1- 2 343 539 EP-A1- 2 418 478
WO-A1-02/103376 WO-A1-2011/039416

- **GIGUERE R ET AL: "Characterization of slurry flow regime transitions by ERT", CHEMICAL ENGINEERING RESEARCH AND DESIGN, PART A, INSTITUTION OF CHEMICAL ENGINEERS, XX, vol. 86, no. 9, 1 September 2008 (2008-09-01), pages 989 - 996, XP023980366, ISSN: 0263-8762, [retrieved on 20080522], DOI: 10.1016/J.CHERD.2008.03.014**
- **H. NASR-EL-DIN ET AL: "A conductivity probe for measuring local concentrations in slurry systems", INTERNATIONAL JOURNAL OF MULTIPHASE FLOW., vol. 13, no. 3, 1 May 1987 (1987-05-01), NL, pages 365 - 378, XP055226170, ISSN: 0301-9322, DOI: 10.1016/0301-9322(87)90055-3**
- **XIANG DENG ET AL: "Fusion Research of Electrical Tomography with Other Sensors for Two-phase Flow Measurement", MEASUREMENT SCIENCE REVIEW, vol. 12, no. 2, 1 January 2012 (2012-01-01), XP055135675, ISSN: 1335-8871, DOI: 10.2478/v10048-012-0008-7**

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