

CORRECTED VERSION

(19) World Intellectual Property Organization International Bureau



(10) International Publication Number WO 2012/007809 A8

(43) International Publication Date 19 January 2012 (19.01.2012)

- (51) International Patent Classification:
BOW 53/10 (2006.01) **BOID 53/83** (2006.01)
BOW 53/68 (2006.01) **C25C 3/22** (2006.01)
BOW 53/78 (2006.01)
- (21) International Application Number: PCT/IB201 1/001508
- (22) International Filing Date: 28 June 2011 (28.06.2011)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data: 101695 19.5 14 July 2010 (14.07.2010) EP
- (71) Applicant (for all designated States except US): ALSTOM Technology Ltd [CH/CH]; Brown Boveri Strasse 7, CH-5400 Baden (CH).
- (72) Inventors; and
- (75) Inventors/ Applicants (for US only): SORHUUS, Anders, Kenneth [NO/NO]; Hebekkveien 14, N-1400 Ski (NO).

BJARNO, Odd, Edgar [NO/NO]; Steinspranget 50 C, N-1156 Oslo (NO).

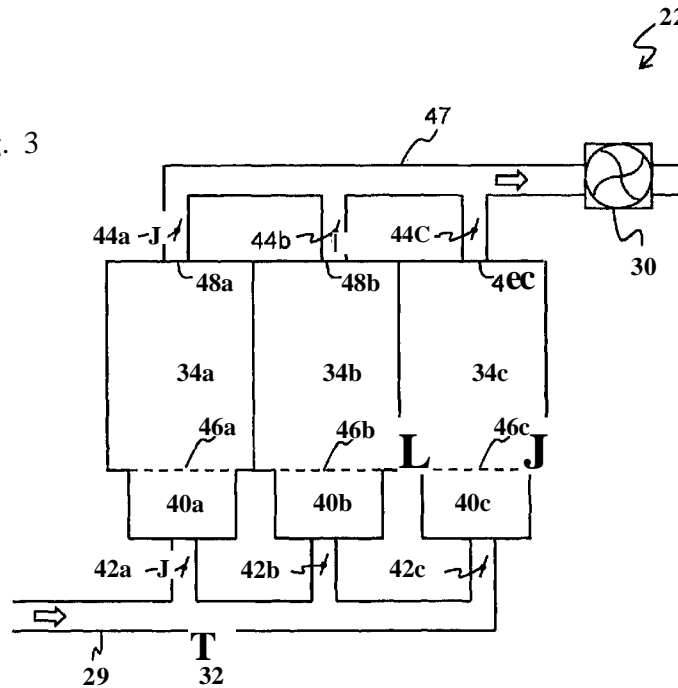
- (81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PE, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

- (84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LR, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM,

[Continued on next page]

(54) Title: GAS CLEANING UNIT AND METHOD FOR CLEANING GAS

Fig. 3



(57) Abstract: A gas cleaning unit for cleaning a main raw gas stream from a plant comprises a plurality of gas cleaning chambers (34a-c), each gas cleaning chamber (34a-c) equipped with a cleaning chamber inlet (46a-c); an inlet manifold (32), for dividing said main raw gas stream flowing therethrough into a plurality of separate fractional raw gas streams for flow to said cleaning chamber inlets (46a-c); and a plurality of heat exchangers (40a-c), each heat exchanger (40a-c) being located downstream of the inlet manifold (32) for exchanging heat with a respective fractional raw gas stream entering a respective cleaning chamber (34a-c).

W0 2012/007809 A8

TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW,
ML, MR, NE, SN, TD, TG).

(48) Date of publication of this corrected version:

4 April 2013

Published:

— *with international search report (Art. 21(3))*

(15) Information about Correction:

see Notice of 4 April 2013