



(51) International Patent Classification:
B65G 63/00 (2006.01) **B65G 67/60** (2006.01)
B65G 67/02 (2006.01)

(21) International Application Number:
PCT/SE2011/050108

(22) International Filing Date:
2 February 2011 (02.02.2011)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
1050107-0 3 February 2010 (03.02.2010) SE

(71) Applicant (for all designated States except US): **SHIP TO SHORE TECHNOLOGY HOLDING B.V.**
[NL/NL]; Saturnusstraat 25 i, NL-2132HB Hoofddorp (NL).

(72) Inventor; and

(75) Inventor/Applicant (for US only): **BOHMAN, Karl** [SE/SE]; Lusthusbacken 9, S-167 65 Bromma (SE).

(74) Agent: **GROTH & CO. KB**; Box 6107, S-102 32 Stockholm (SE).

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

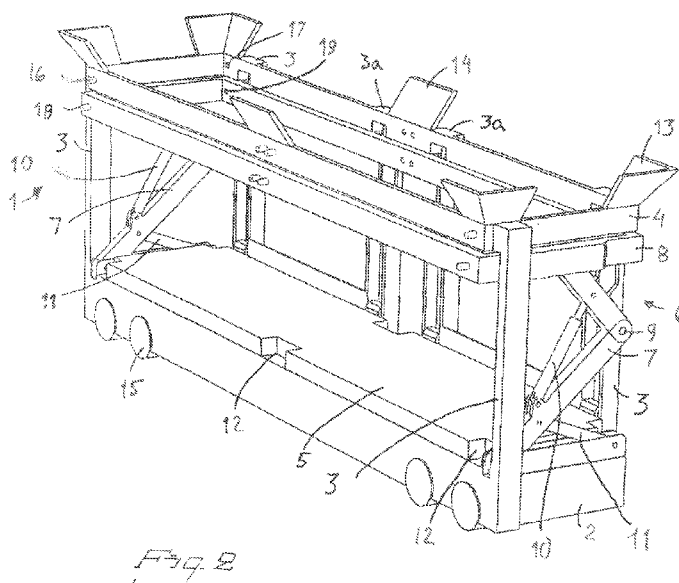
Declarations under Rule 4.17:

— of inventorship (Rule 4.17(iv))

Published:

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

(54) Title: CONTAINER HANDLING DEVICE, USE OF SUCH A ONE, AND METHODS IN UNLOADING AND LOADING



(57) Abstract: Container handling device, use of such a one, and method in unloading and loading. The invention concerns a container handling device for the temporary storage of containers in unloading and loading. The container handling device is arranged to be able to receive at least one pair of container units with one unit in the pair being situated above the other one. The device has a support structure (1) having a loading platform (5) and a transfer device (8) connected with support structure (1). The transfer device (6) has a grip frame (8) to surround the container unit, which grip frame (8) has inside dimensions so that a movement of a container unit through the same is possible. The invention also concerns a use of the container handling device as well as a method for unloading and loading by the invented container handling device.