



(51) International Patent Classification:  
*B63B 27/00* (2006.01) *B66C 23/52* (2006.01)  
*B66C 23/04* (2006.01)

(21) International Application Number:  
PCT/NO2022/050148

(22) International Filing Date:  
23 June 2022 (23.06.2022)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:  
20210885 08 July 2021 (08.07.2021) NO

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(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, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU,

(54) Title: SYSTEM FOR LIFTING AND MOVING HEAVY OBJECTS

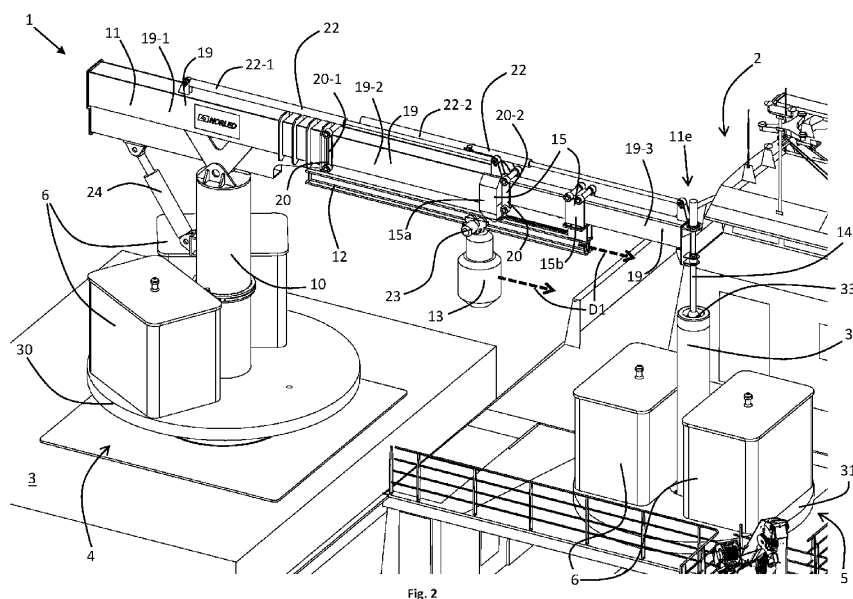


Fig. 2

(57) Abstract: The invention relates to a transport system (1) for transporting an object (6) back and forth between a storage area (4) and a target area (5), wherein the transport system (1) comprises a pedestal (10) for being placed at one of the storage area (4) and the target area (5). The transport system (1) further comprises a main boom (11) pivotably connected to the pedestal (10), where the main boom (11) has a far end (11e) that is configured for being supported by the other one of the storage area (4) and the target area (5) while allowing for at least one rotational degree of freedom between the main boom (10) and the other one of the storage area (4) and the target area (5). The main boom (10) has a span that is passively adjustable in length. Furthermore, the transport system (1) comprises a transport boom (12) being coupled with the main boom (11), and an object handler (13) guided by the transport boom (12) and being configured for handling the object (6) to be transported between the storage area (4) and the target area (5).

RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM,  
TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, 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, RW, SD, SL, ST, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, 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, KM, ML, MR, NE, SN, TD, TG).

**Published:**

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

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