

(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
29 September 2022 (29.09.2022)



(10) International Publication Number
WO 2022/200598 A1

(51) International Patent Classification:

B65G 47/96 (2006.01) B65G 35/06 (2006.01)
B65G 21/22 (2006.01) B65G 35/08 (2006.01)
B65G 17/34 (2006.01)

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(21) International Application Number:

PCT/EP2022/057973

(22) International Filing Date:

25 March 2022 (25.03.2022)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

63/166,035 25 March 2021 (25.03.2021) US

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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, 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, 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.

(54) Title: CASTER WHEEL ALIGNMENT SYSTEM FOR CONVEYOR SYSTEM

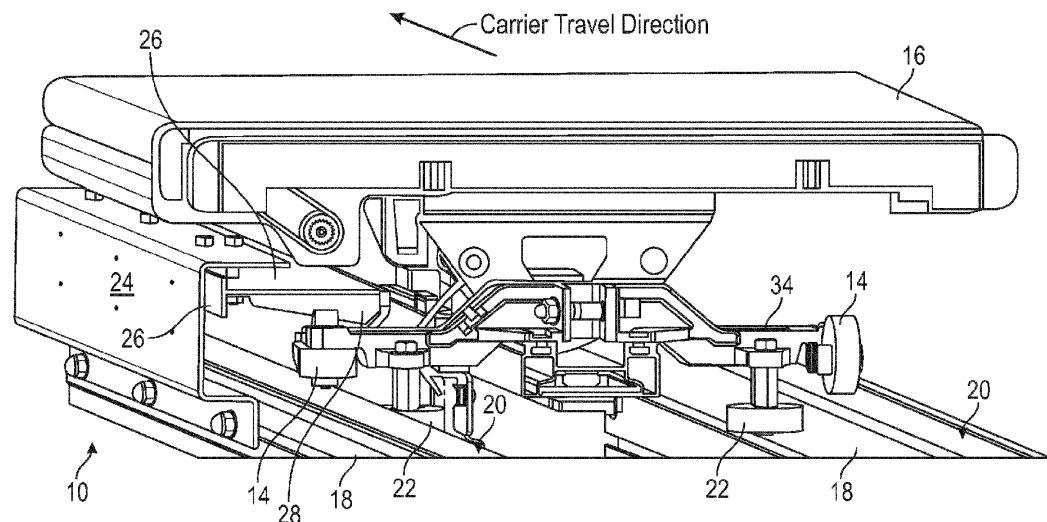


FIG. 1

(57) Abstract: A caster wheel alignment system for selectively re-orienting improperly oriented caster wheels for transport vehicles of a conveyor system, such as a circular sorter. The alignment system includes a main support frame couplable with the conveyor at a drive track of the conveyor. The system includes a horizontal cam for adjusting an orientation of the caster wheel from a leading orientation to a trailing orientation. In some forms, the alignment system may include a bypass system, such as a float frame, supporting the horizontal cam, and a vertical cam. The vertical cam provided to temporarily move the float frame and horizontal cam away from the transport vehicle and/or drive track to permit the vehicle to move through the alignment system. The vertical and horizontal cams coordinate to intercept and correct improperly oriented wheels without significantly impeding the movement of the transport vehicle along the drive track.

[Continued on next page]

WO 2022/200598 A1

(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))*
- *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments (Rule 48.2(h))*