

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 September 2004 (10.09.2004)

PCT

(10) International Publication Number
WO 2004/076902 A2

(51) International Patent Classification⁷: **F16L**

(21) International Application Number:
PCT/US2004/005482

(22) International Filing Date: 25 February 2004 (25.02.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/450,081 25 February 2003 (25.02.2003) US

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

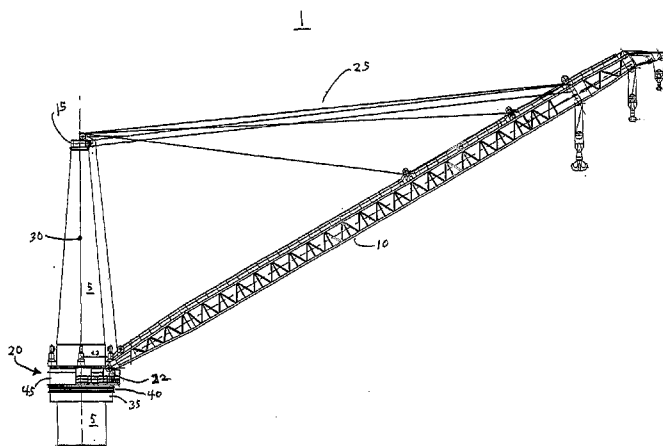
(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— without international search report and to be republished upon receipt of that report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: CRANE RADIAL SUPPORT BEARING



(57) **Abstract:** The present invention, in one embodiment, is a system for receiving and delivering into a base the radial loads imposed on a crane where the crane has a center post operably connected to the base with a generally cylindrical outer bearing surface and the crane rotates in at least a partial circle around the axis of the center post. The system comprises three or more radial load rollers arranged in a linked sequence in an arc at the outer bearing surface of the center post. Each radial load roller includes an axle and an axis of rotation that is generally parallel to the axis of the center post. The system also comprises a means for anchoring a first radial load roller at one end of the arc and anchoring a second radial load roller at the other end of the arc. The system also comprises links connecting each roller between the first and the second radial rollers to its adjacent rollers to form a flexible chain of said rollers. Finally, the system comprises a means for tensioning the linked radial load rollers to draw each radial load roller into rolling contact with the outer bearing surface and to equalize substantially the radial forces exerted by the radial rollers on the outer bearing surface.

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