

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
27 May 2022 (27.05.2022)



(10) International Publication Number
WO 2022/105991 A1

(51) International Patent Classification:
E01D 22/00 (2006.01)

(21) International Application Number:
PCT/EP2020/082492

(22) International Filing Date:
18 November 2020 (18.11.2020)

(25) Filing Language: English

(26) Publication Language: English

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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, 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.

(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).

(54) Title: METHOD OF REPLACING BEARINGS AND SYSTEM THEREOF

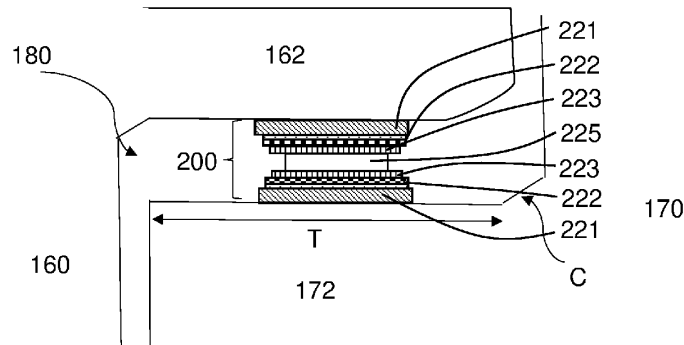


FIGURE 6

(57) Abstract: Present invention relates to a method of replacing bearings in a half joint area of a viaduct comprising a plurality of axially arranged elongated spans, wherein each of the elongated span is supported on at least three or four bearings, forming supporting bases of the span, such that the centre of gravity of the elongated span lies within an area inscribed by the supporting bases of the span; wherein the half joint area is a substantially rectangular empty space approximately located at at least one longitudinal end of the elongated span, resulted from the span being supported on the bearings which in turn are supported on at least one or two neighbouring pierheads; comprising the steps of - a. Inserting one or more load lifting devices (300) to the half joint area; - b. Transferring load to the one or more load lifting devices (300) introduced in the step (a); - c. Replacing one or more bearings (200) of the half joint area (180) and transferring loads to the newly installed one or more bearings (200); - d. Removing the one or more load lifting devices (300) introduced in the step (a).

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Declarations under Rule 4.17:

— *of inventorship (Rule 4.17(iv))*

Published:

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