

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

(19) World Intellectual Property
Organization
International Bureau

(43) International Publication Date
03 February 2022 (03.02.2022)



(10) International Publication Number
WO 2022/023254 A1

(51) International Patent Classification:

E02D 3/08 (2006.01) *E02D 11/00* (2006.01)
E02D 7/18 (2006.01)

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(21) International Application Number:

PCT/EP2021/070836

(74) Agent: **EP&C**; P.O. Box 3241, 2280 GE RIJSWIJK (NL).

(22) International Filing Date:

26 July 2021 (26.07.2021)

(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.

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

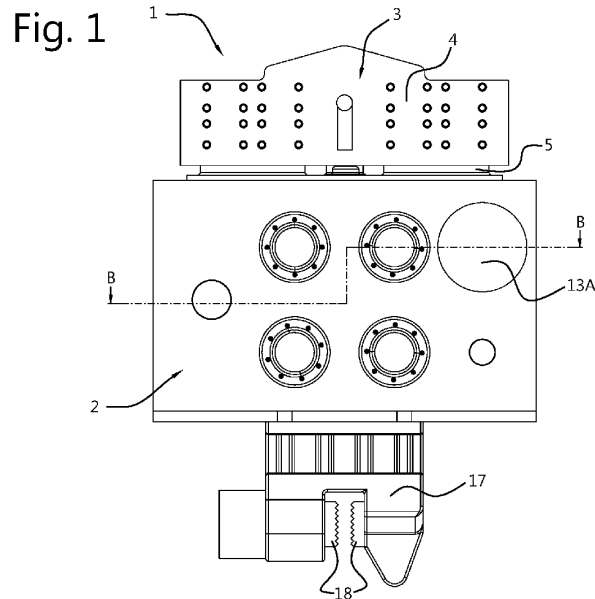
2026179 30 July 2020 (30.07.2020) NL

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(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,

(54) Title: VIBRATORY HAMMER WITH ELECTRIC MOTOR



(57) Abstract: A vibratory hammer (1) for driving or retracting sheet piles, pipes or other elements into or from the soil, comprises a vibration case (2). A clamp (17) is attached to the vibration case (2). The clamp (17) comprises gripping jaws (18) for gripping the sheet piles or other elements. A yoke (3) is connected to the vibration case (2) via one or more vibration damping elements for suspending the vibratory hammer (1) from a hoist cable or the like. In the vibration case (2) an even number of pairwise arranged eccentric weights are rotationally mounted. The vibratory hammer comprises at least one synchronous electric motor (13A) for driving the rotation of the eccentric weights.

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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))*