

Title (en)

METHOD AND APPARATUS FOR PERFORMING FIELD ELONGATION MEASUREMENTS

Title (de)

VERFAHREN UND VORRICHTUNG ZUR DURCHFÜHRUNG VON FELDDEHNUNGSMESSUNGEN

Title (fr)

MÉTHODE ET APPAREIL PERMETTANT D'EFFECTUER DES MESURES D'ALLONGEMENT D'UN CHAMP

Publication

**EP 3740348 A4 20220126 (EN)**

Application

**EP 18901205 A 20181221**

Priority

- US 201862709458 P 20180119
- US 2018067246 W 20181221

Abstract (en)

[origin: WO2019143444A1] An improved method and apparatus for evaluating post-tensioning tendons, where the apparatus uses a positioning head placed directly into the pocket and against the anchor without making contact with the wedges as the apparatus seats on the tendon. From this position the apparatus evaluates the tendon by marking, measuring the tendon, and/or determining its location with increased reliability and precision.

IPC 8 full level

**B25B 33/00** (2006.01); **E04C 5/12** (2006.01); **E04G 21/12** (2006.01)

CPC (source: EP KR)

**E04C 5/122** (2013.01 - EP KR); **E04G 21/12** (2013.01 - EP KR); **E04G 21/121** (2013.01 - EP)

Citation (search report)

- [X] US 2012266441 A1 20121025 - PARENTE RALPH A [US], et al
- [X] JP 2008070205 A 20080327 - AKEBONO BRAKE IND
- [X] US 2011162173 A1 20110707 - CIMINSKI JOHN [US], et al
- [A] KR 101453303 B1 20141022 - NANO GEO TECHNICAL E & C CO LTD [KR], et al
- [A] DE 9017672 U1 19910704
- See also references of WO 2019143444A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

**WO 2019143444 A1 20190725**; **WO 2019143444 A4 20190912**; AU 2018403226 A1 20200903; BR 112020014649 A2 20201201; CA 3088979 A1 20190725; CN 111918751 A 20201110; CN 111918751 B 20220607; EP 3740348 A1 20201125; EP 3740348 A4 20220126; JP 2021511512 A 20210506; JP 2023099585 A 20230713; JP 7275150 B2 20230517; KR 102649991 B1 20240322; KR 20200121812 A 20201026; MX 2020007685 A 20201014; RU 2020127422 A 20220221; RU 2020127422 A3 20220305

DOCDB simple family (application)

**US 2018067246 W 20181221**; AU 2018403226 A 20181221; BR 112020014649 A 20181221; CA 3088979 A 20181221; CN 201880091371 A 20181221; EP 18901205 A 20181221; JP 2020540457 A 20181221; JP 2023075968 A 20230502; KR 20207023787 A 20181221; MX 2020007685 A 20181221; RU 2020127422 A 20181221