

# (19) United States

# (12) Patent Application Publication (10) Pub. No.: US 2022/0353980 A1 LIU et al.

### Nov. 3, 2022 (43) **Pub. Date:**

# (54) FRACTURING WELL SITE SYSTEM

(71) Applicant: YANTAI JEREH PETROLEUM **EQUIPMENT & TECHNOLOGIES** CO., LTD., Yantai (CN)

(72) Inventors: Kaishen LIU, Yantai (CN); Shouzhe LI, Yantai (CN); Zhuqing MAO, Yantai (CN)

(21) Appl. No.: 17/869,336

(22) Filed: Jul. 20, 2022

# Related U.S. Application Data

(63) Continuation of application No. 17/325,955, filed on May 20, 2021.

#### Foreign Application Priority Data (30)

(CN) ...... 202120706298.3 Apr. 7, 2021

## **Publication Classification**

(51) Int. Cl. H05F 3/02 (2006.01)E21B 43/26 (2006.01)E21B 41/00 (2006.01)

(52)U.S. Cl. H05F 3/02 (2013.01); E21B 43/2607 CPC ..... (2020.05); E21B 41/0021 (2013.01)

#### (57)ABSTRACT

A fracturing well site system includes an electric-driven apparatus, a fuel-driven apparatus, an electric-power supply apparatus and a grounding system. The grounding system includes a first grounding terminal which is spaced from each of the electric-driven apparatus, the fuel-driven apparatus and the electric-power supply apparatus by a preset distance. The fuel-driven apparatus and at least one of the electric-driven apparatus and the electric-power supply apparatus are connected to the first grounding terminal, and the first grounding terminal is configured to ground the fuel-driven apparatus and the at least one of the electricdriven apparatus and the electric-power supply apparatus.

