

Title (en)

DRILLING SEQUENCE DATA GENERATION DEVICE, DRILLING SEQUENCE DATA GENERATION METHOD, AND PROGRAM

Title (de)

VORRICHTUNG ZUR ERZEUGUNG VON BOHRSEQUENZDATEN, VERFAHREN ZUR ERZEUGUNG VON BOHRSEQUENZDATEN UND PROGRAMM

Title (fr)

DISPOSITIF DE GÉNÉRATION DE DONNÉES DE SÉQUENCE DE FORAGE, PROCÉDÉ DE GÉNÉRATION DE DONNÉES DE SÉQUENCE DE FORAGE ET PROGRAMME

Publication

EP 4265880 A4 20240522 (EN)

Application

EP 21910312 A 20211208

Priority

- JP 2020211080 A 20201221
- JP 2021045099 W 20211208

Abstract (en)

[origin: WO2022138163A1] A drilling sequence data generation device (10) comprises a position acquisition unit (110), a sequence data generation unit (120), and an image output unit (130). The position acquisition unit (110) acquires drilling position data. The drilling position data indicates the position on a facing for each of a plurality of blast holes that are to be formed on the facing. The sequence data generation unit (120) generates, using the drilling position data, first sequence data that indicate the recommended order of the formation sequence for the plurality of blast holes. When generating the first sequence data, the sequence data generation unit (120) uses a model stored in a model storage unit (140). The image output unit (130) generates and outputs image data indicating the recommended order.

IPC 8 full level

E21B 7/02 (2006.01); **E21D 9/00** (2006.01)

CPC (source: EP)

E21B 7/022 (2013.01); **E21D 9/006** (2013.01); **E21B 2200/22** (2020.05)

Citation (search report)

- [XAY] WO 03048524 A1 20030612 - SANDVIK TAMROCK OY [FI], et al
- [Y] JP H05202694 A 19930810 - KONOIKE CONST
- See also references of WO 2022138163A1

Designated contracting state (EPC)

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DOCDB simple family (publication)

EP 4265880 A1 20231025; **EP 4265880 A4 20240522**; CN 116635606 A 20230822; JP WO2022138163 A1 20220630; WO 2022138163 A1 20220630

DOCDB simple family (application)

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