

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: EP4265880A1] A drilling sequence data generation device (10) includes a position acquisition unit (110), a sequence data generation unit (120), and a screen output unit (130) . The position acquisition unit (110) acquires drilling position data. The drilling position data indicates a position of each of a plurality of blast holes to be formed in a face in the face. The sequence data generation unit (120) generates first sequence data indicating a recommended sequence of forming the plurality of blast holes using the drilling position data. The sequence data generation unit (120) uses a model stored in a model storage unit (140) when generating the first sequence data. The screen output unit (130) generates screen data indicating the recommended sequence and outputs the screen data.

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)

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)

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

DOCDB simple family (application)

**EP 21910312 A 20211208**; CN 202180086198 A 20211208; JP 2021045099 W 20211208; JP 2022572104 A 20211208