

Title (en)

BOLTING HEAD, BOLTING RIG AND METHOD

Title (de)

BOLZENKOPF, BOLZENANLAGE UND VERFAHREN

Title (fr)

TÊTE DE BOULONNAGE, APPAREIL DE BOULONNAGE ET PROCÉDÉ

Publication

EP 4379182 A1 20240605 (EN)

Application

EP 22210804 A 20221201

Priority

EP 22210804 A 20221201

Abstract (en)

A bolting head, bolting rig, and method of reinforcing a rock surface. The bolting head (4) comprises a frame (5), a bolting unit (6) provided with a bolt driver (8), and a rock drilling unit (7). The bolting head further comprises a holding device (12) with movable gripping elements (29) for gripping and holding drilling and bolting tools. At least one indexing actuator (16) is arranged to index the bolting unit and the rock drilling unit in relation to the holding device.

IPC 8 full level

E21B 7/02 (2006.01); **E21B 19/08** (2006.01); **E21D 20/00** (2006.01)

CPC (source: EP)

E21B 7/025 (2013.01); **E21B 19/08** (2013.01); **E21D 20/006** (2013.01)

Citation (search report)

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- [YA] WO 2010029220 A1 20100318 - SANDVIK MINING & CONSTR OY [FI], et al
- [A] CA 2792592 A1 20140422 - NELSON YVES [CA]
- [A] SANDVIK MINING AND ROCK SOLUTIONS: "Sandvik DT923i automated i-series tunneling jumbo | Sandvik Mining and Rock Solutions", 14 April 2021 (2021-04-14), XP093040021, Retrieved from the Internet <URL:https://www.youtube.com/watch?v=eo0LfBtyRBI&ab_channel=SandvikMiningandRockSolutions> [retrieved on 20230418]

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 ME MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA

Designated validation state (EPC)

KH MA MD TN

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