

Title (en)
CABLE BOLT

Title (de)
KABELANKER

Title (fr)
BOULON DE CÂBLE

Publication
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Application
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Priority
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Abstract (en)

This invention relates to a cable bolt (1) for use in rock bolting and a method for its installation. The cable bolt (1) comprises a cable (5), a supporting tube (55) surrounding part of the cable (5), and an adapter (20) for receiving a drive tool for rotationally driving the cable bolt (1) into a hole. The supporting tube (55) has a length which is sufficient to substantially prevent cable buckling when the cable (5) is driven into the hole by the drive tool.

IPC 8 full level

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Citation (search report)

- [XI] US 5259703 A 19931109 - GILLESPIE HARVEY D [US]
- [X] WO 2010059168 A1 20100527 - JENNMAR CORP [US], et al
- [X] US 5511909 A 19960430 - CALANDRA JR FRANK [US], et al
- [X] US 2006093438 A1 20060504 - FERGUSSON JEFFREY R [AU]
- [A] US 2002110426 A1 20020815 - STANKUS JOHN C [US], et al
- [A] DE 8428165 U1 19860102
- [A] US 7037046 B2 20060502 - FERGUSSON JEFFREY ROBERT [AU]

Cited by

CN110421319A; CN109184762A; CN109184766A; CN110344868A; WO2020037816A1; WO2023142654A1

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