

Title (en)

NOZZLE, SYSTEM AND METHOD FOR SECURING A BOLT IN A ROCK HOLE

Title (de)

DÜSE, SYSTEM UND VERFAHREN ZUM BEFESTIGEN EINES BOLZENS IN EINEM GESTEINSLOCH

Title (fr)

BUSE, SYSTÈME ET PROCÉDÉ DE FIXATION D'UN BOULON DANS UN TROU DE ROCHE

Publication

**EP 3997308 A1 20220518 (EN)**

Application

**EP 20739790 A 20200703**

Priority

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Abstract (en)

[origin: WO2021006802A1] A nozzle (5) for injecting a multi-component mixture into a rock hole, wherein the mixture is adapted for securing a bolt in the rock hole. The nozzle (5) comprises first and second channels (31, 33) adapted to receive a first respective second component of the multi-component mixture, and a third channel (55) adapted to receive a blocking agent (S). The third channel (55) is connected to the first channel (31). Furthermore, the nozzle (5) comprises a mixing member (23) to mix the first and the second component prior to injecting the mixture into the rock hole. The nozzle (5) further comprises an outlet (21) adapted to inject the mixture of the first and the second component directly into the rock hole. A system (1) for securing a bolt in a rock hole and a method for securing a bolt in a rock hole are also described.

IPC 8 full level

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CPC (source: CN EP SE)

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Citation (search report)

See references of WO 2021006802A1

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