

Title (en)

METHOD AND DEVICE FOR TRANSPORTING OVERBURDEN AWAY DURING TUNNELLING

Title (de)

VERFAHREN UND VORRICHTUNG ZUM ABFÖRDERN VON ABRAUM IM TUNNELVORTRIEB

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR ÉVACUER DES DÉBLAIS AU COURS DU CREUSEMENT D'UN TUNNEL

Publication

EP 2909444 B1 20201209 (DE)

Application

EP 13774144 A 20131007

Priority

- DE 102012219134 A 20121019
- EP 2013070839 W 20131007

Abstract (en)

[origin: DE102012219134A1] The method involves opening an aperture (22) of a discharging device (18) in a discharging direction in open tunneling or earth pressure-supported tunneling. Another aperture (28) is closed and arranged downstream in the discharging direction of the former aperture. The former aperture is closed and the latter aperture is opened in a fluid-assisted tunneling. The closed former aperture and opened latter aperture are conveyed from a rinsing chamber (34). A closure (23) is arranged between conveying screws (19, 37) that are located at a distance from each other. An independent claim is also included for a device for discharging an excavated material with a tunnel boring machine.

IPC 8 full level

E21D 9/12 (2006.01)

CPC (source: CN EP RU US)

E21D 9/065 (2016.01 - EP US); **E21D 9/12** (2013.01 - RU US); **E21D 9/124** (2013.01 - CN EP US); **E21D 9/13** (2013.01 - US)

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DOCDB simple family (publication)

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