

Title (en)

METHOD FOR BORING A TUNNEL IN SOFT GROUND OR ROCK WITH A BORING EQUIPMENT HAVING A BORING HEAD

Title (de)

VERFAHREN ZUM VORTREIBEN EINES TUNNELS IN WEICHEM UNTERGRUND ODER IN GESTEIN MITTELS EINER BOHRMASCHINE MIT EINEM BOHRKOPF

Title (fr)

PROCEDE DE PER AGE D'UNE GALERIE DANS UN SOL MEUBLE OU UNE ROCHE TENDRE A L'AIDE D'UN EQUIPEMENT DOTE D'UNE TETE DE PER AGE

Publication

**EP 1078147 A1 20010228 (EN)**

Application

**EP 99922647 A 19990511**

Priority

- NL 9900288 W 19990511
- NL 1009166 A 19980514

Abstract (en)

[origin: WO9958818A1] A tunnel is bored in soft ground or rock with the aid of boring equipment with a cutting head. In order to prevent collapse or breaking away of earth or rock and subsidence of the boring equipment at the location of high-risk sections of the tunnel, especially in the start or end section and in sections which run just below a traffic way, soft ground or rock is replaced, at least over a section of the length of the tunnel to be bored, by a settable material that sets to produce a solid compact block. The said boring equipment is used to bore through the set compact block in such a way that the tunnel extends at least through part of the cross section of the set compact block.

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IPC 8 full level

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CPC (source: EP)

**E21D 9/001** (2013.01)

Citation (search report)

See references of WO 9958818A1

Citation (third parties)

Third party :

"BODENSTABILISIERUNG BEI SCHACHT 7", ANNOUNCEMENT PHILIPP HOLZMANN, XX, XX, 1 January 1900 (1900-01-01), XX, pages 01 - 05, XP002905061

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