

Title (en)  
Method for surveying planned tunnel galleries

Title (de)  
Verfahren zum Erkunden von geplanten Tunnelstrecken

Title (fr)  
Méthode pour relever une galerie tunnel planifiée

Publication  
**EP 0760419 B1 20010411 (DE)**

Application  
**EP 96112725 A 19960807**

Priority  
DE 19532605 A 19950904

Abstract (en)  
[origin: EP0760419A2] A through pilot bore is produced with a bore head guided in the bore path along the planned tunnel course. Samples are removed from the pilot bore for geo-physical examination. The pilot bore is produced along the centre line of the planned tunnel course. In the production of the pilot bore, bore advance parameters are highlighted, which can then be related to the bore hole investigation. One or more of the following bore advance parameters are established: bore pressure, advance speed, abrasion of the bore head. Samples are taken from the flushing back flow of the pilot boring. Pre-investigation is enacted by geo-physical depth probing of the surface.

IPC 1-7  
**E21B 47/022**; **E21B 49/00**; **E21B 47/026**; **E21B 49/08**; **E21B 12/02**; **E21B 44/00**; **E21B 7/04**; **E21B 47/00**

IPC 8 full level  
**E21B 7/04** (2006.01); **E21B 12/02** (2006.01); **E21B 44/00** (2006.01); **E21B 47/00** (2012.01); **E21B 47/022** (2006.01); **E21B 47/026** (2006.01); **E21B 49/00** (2006.01); **E21B 49/08** (2006.01)

CPC (source: EP US)  
**E21B 7/046** (2013.01 - EP); **E21B 47/00** (2013.01 - EP US)

Cited by  
CN114718446A; CN115244270A; AU2012270302A1; US9194224B2; US9778009B2

Designated contracting state (EPC)  
AT CH DE ES FR IT LI LU

DOCDB simple family (publication)  
**EP 0760419 A2 19970305**; **EP 0760419 A3 19980603**; **EP 0760419 B1 20010411**; AT E200557 T1 20010415; DE 19532605 A1 19970306; DE 59606745 D1 20010517; ES 2157377 T3 20010816

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