

Title (en)

Method and device for constructing an underground tunnel

Title (de)

Verfahren und Vorrichtung zum Herstellen eines unterirdischen Tunnels

Title (fr)

Méthode et appareil pour la construction d'un tunnel souterrain

Publication

EP 1028226 A2 20000816 (EN)

Application

EP 00200339 A 20000201

Priority

NL 1011296 A 19990212

Abstract (en)

In a method and device for constructing a tunnel in the ground along a predetermined path, a rod is positioned in the ground. The rod is fixed with respect to the ground at at least one location. An earth removing device is displaced along the rod for the purpose of constructing the tunnel. A drive device which acts on the rod and the earth removing device is provided for the purpose of supplying at least part of the force for displacing the earth removing device. Tunnel wall sections are displaced along the rod with the aid of a second drive device which acts on the rod and the tunnel wall sections. <IMAGE>

IPC 1-7

E21B 7/28; E21D 9/12; E21D 9/00

IPC 8 full level

E21B 7/04 (2006.01); **E21B 7/28** (2006.01); **E21D 9/06** (2006.01)

CPC (source: EP)

E21B 7/046 (2013.01); **E21B 7/28** (2013.01); **E21D 9/0607** (2013.01); **E21D 9/0621** (2013.01)

Cited by

FR2974141A1; JP2015094181A; JP2016102296A; WO2012140222A1

Designated contracting state (EPC)

AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE

DOCDB simple family (publication)

EP 1028226 A2 20000816; **EP 1028226 A3 20020904**; NL 1011296 C1 20000815

DOCDB simple family (application)

EP 00200339 A 20000201; NL 1011296 A 19990212