

Title (en)

A method for drilling an underground tunnel

Title (de)

Verfahren zum Bohren eines unterirdischen Tunnels

Title (fr)

Procédé de forage d'un tunnel souterrain

Publication

**EP 1094198 A2 20010425 (EN)**

Application

**EP 00870241 A 20001023**

Priority

BE 9900695 A 19991021

Abstract (en)

The invention relates to a method and a device (1) for drilling an underground tunnel (35) with a tunnel wall (33), the device (1) comprising a drill head (2) for drilling ground and a driving (7) for driving the drill head (2). The device comprises a coating device (20) for forming a casing (32) for the tunnel wall (33), the coating device (20) comprising a formwork (34) with an outer face (36) facing the tunnel wall (33) and a device for supplying a coating material in a viscous state to an ejection nozzle (39) for ejecting the coating material in a space between the tunnel wall (33) and the outer face (36) of the formwork (34), the ejection nozzle (39) being rotatably mounted to allow the casing to be applied against at least part of the tunnel wall (33). The drilling device (1) further comprises an expandable gripping device (10) for pushing the drilling device off against the tunnel wall (33).  
<IMAGE> <IMAGE>

IPC 1-7

**E21D 11/10**

IPC 8 full level

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CPC (source: EP)

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