

Title (en)

Method and device for driving and lining a tunnel simultaneously

Title (de)

Verfahren und Vorrichtung zum kontinuierlichen Vortreiben und gleichzeitigen Ausbauen eines Tunnels

Title (fr)

Procédé et machine de creusement pour le forage et le soutènement simultané d'un tunnel

Publication

**EP 0974732 B1 20031008 (DE)**

Application

**EP 99113749 A 19990714**

Priority

DE 19832461 A 19980718

Abstract (en)

[origin: EP0974732A1] For the continuous tunneling work through loose rock, using ring segments to be assembled into rings (1), in the first step with extended leader presses (7) and withdrawn telescope presses (8) and retracted press shields (11), the telescope presses (8) are extended and the leader presses (7) are withdrawn. In the next step, after the press shield (11) has been advanced and positioned at the tunnel wall, the leader presses (7) are extended for the next advance. The telescope presses (8) are operated to be followed by the assembly of a further ring (1).

IPC 1-7

**E21D 9/08**; **E21D 9/10**

IPC 8 full level

**E21D 9/08** (2006.01); **E21D 9/087** (2006.01); **E21D 9/10** (2006.01)

CPC (source: EP)

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Cited by

US6926368B2; WO0248506A3; DE102018102330A1; WO2019149867A1

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