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(54) **A method for drilling an underground tunnel**

(57) 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).

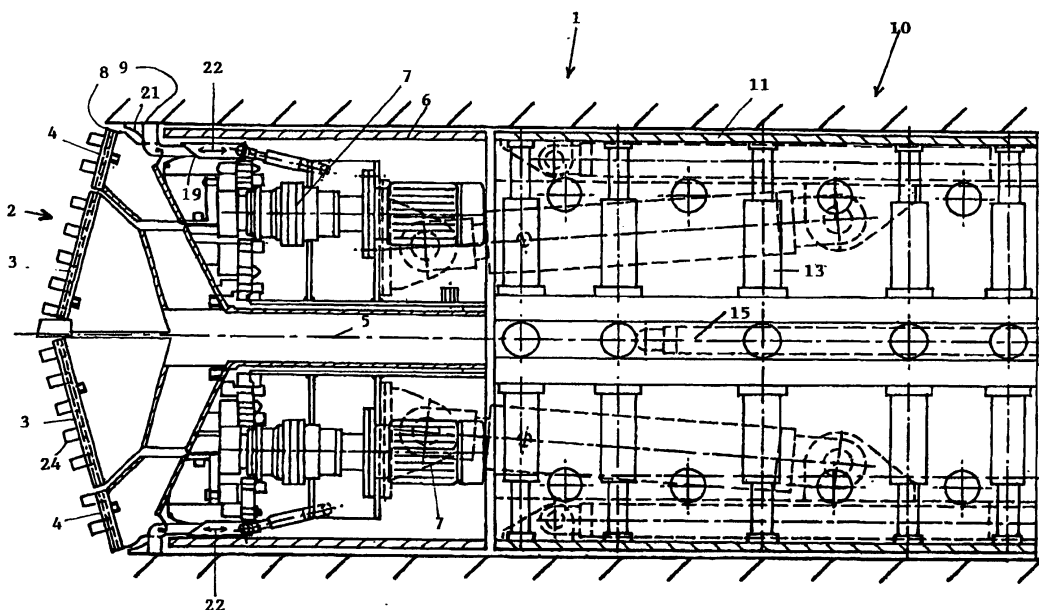


Fig. 1a

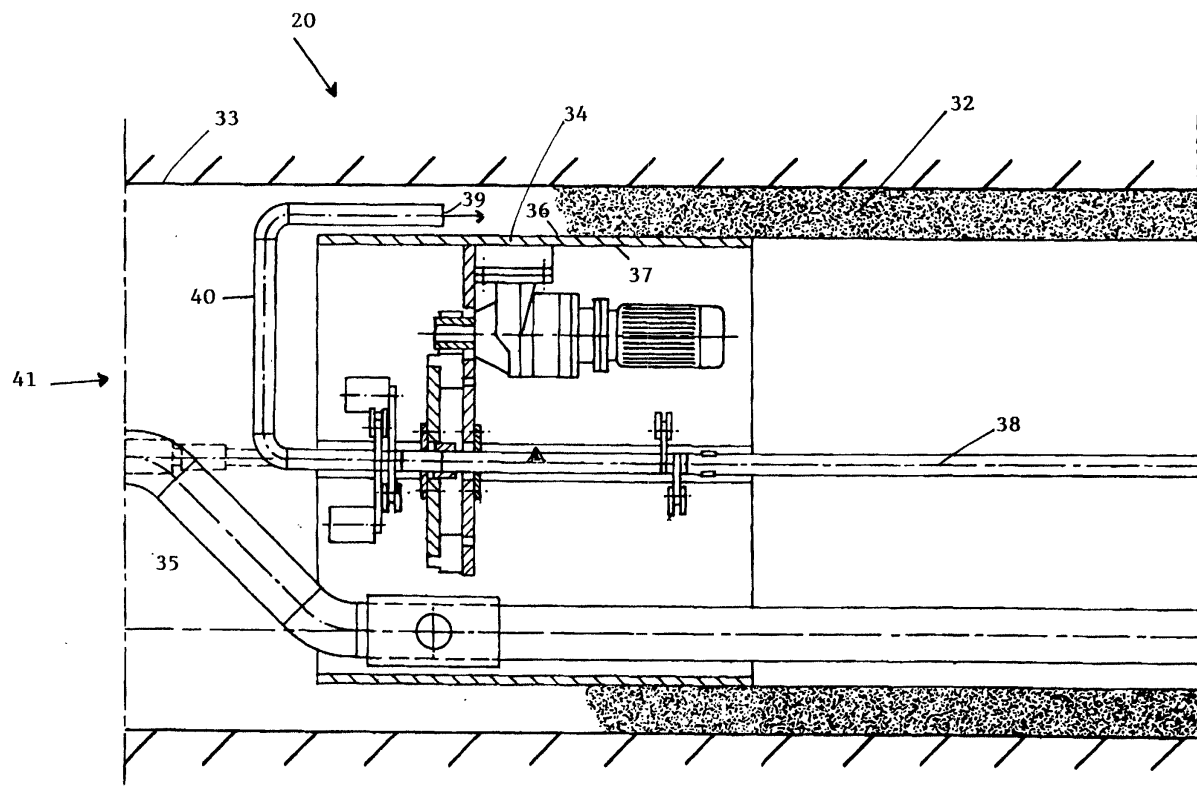


Fig. 1b



European Patent
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EUROPEAN SEARCH REPORT

Application Number
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The present search report has been drawn up for all claims			TECHNICAL FIELDS SEARCHED (Int.Cl.7)
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Place of search		Date of completion of the search	Examiner
MUNICH		19 December 2003	Stroemmen, H.
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT
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EP 00 87 0241

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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19-12-2003

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