

ABSTRACT

Apparatus for driving a tunnel

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In an apparatus for driving a tunnel (2), a bypass line arrangement (32) is provided between a feed line arrangement (12) and a discharge line arrangement (27). The feed line arrangement (12) and the discharge line arrangement (27) are, respectively, equipped with a feed volume measuring unit (17) and a discharge volume measuring unit (35). The filling level (11) in a working chamber (4) can be measured by means of a working chamber filling level measuring unit (9, 10). The working chamber filling level measuring unit (9, 10), the feed volume measuring unit (17) and the discharge volume measuring unit (35) are connected with an evaluation module (37). In a bypass mode in which the feed line arrangement (12) and the discharge line arrangement (27) are shut off fluid-mechanically from the working chamber (4) by means of valves (23, 25, 29), correction values for the precise determination of the quantity of excavated material can be determined by means of the evaluation module (37).

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Figure 1.