

Tunnelling machine

ABSTRACT OF THE DISCLOSURE

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A tunnelling machine has a sealing arrangement (212) with a first internal chamber (369) and a second internal chamber (372), which can be supplied with lubricants via a fluid-supply assembly. The fluid-supply assembly allows the pressure in the first internal chamber (369) to be adjusted so that it is between a pressure in a head chamber (306) located upstream of the first internal chamber (369) in the direction of advance and a pressure in the second internal chamber (372) located downstream of the first internal chamber (369) in the direction of advance. This also has the advantage, for environmental reasons, of achieving loss-free lubrication and preventing the lubricant present in the first internal chamber (369) from mixing with components of other material classes present in the head chamber (306).

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FIG. 11