

Title (en)
METHOD AND DEVICE FOR CONCRETING A SUBTERRANEAN SITE

Title (de)
VERFAHREN UND VORRICHTUNG ZUM BETONIEREN EINER UNTERTAGE ANLAGE

Title (fr)
PROCÉDÉ ET INSTALLATION DE BÉTONNAGE D'UN SITE SOUTERRAIN

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Application
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Abstract (en)
[origin: WO2019037958A1] The invention relates to: - a method for concreting an underground site comprising the vertical routing of concrete (B) from a feeding site located at a higher altitude than the underground site towards the underground site by continuous feeding of concrete from a tube (A) for routing between the feeding site and the underground site, lowering a concrete column into the routing tube and collecting the concrete from a lower end of said concrete column to distribute the concrete in the underground site, characterised in that the routing tube is initially filled with a column of liquid (L) and a mobile shutter (1) positioned at the top of the liquid column, followed by exerting, during the lowering of the concrete column into the routing tube, a vertical counter-push on said shutter by adjusting the height of the column of liquid and/or the pressure of the liquid in the routing tube with a view to controlling the lowering of the concrete column; and - a facility for concreting an underground site located at great depth.

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