

Title (en)
METHOD FOR CONSOLIDATING THE GROUND ENCASING A TUNNEL

Title (de)
VERFAHREN ZUR ERDREICHVERFESTIGUNG EINER TUNNELUMMANTELUNG

Title (fr)
PROCEDE DE CONSOLIDATION D'UN SOL ENCAISSANT UN TUNNEL

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Abstract (en)
[origin: WO2014147349A1] The invention relates to a method for consolidating the ground (S) encasing a tunnel (10) excavated in sections (R1,...RN), a pre-supporting beam (V1,..., VN) being mounted over each section (R1,...RN) of the tunnel (10), said beam consisting of a plurality of tubes (12) arrangement substantially parallel to each other and to the axial direction of the tunnel (10) and sealed to the ground (S) by means of a sealing grout. Once the sealing grout has hardened, the method comprises a novel step of injecting a consolidation grout into the ground (S) via at least one tube (12) of the pre-supporting beam (V1,..., VN).

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