

Title (en)
GROUTING CONSOLIDATION METHOD FOR FULL CASING BOREHOLE GUIDE PREFABRICATED PILE AND PREFABRICATED PILE THEREFOR

Title (de)
INJEKTIONSVERDICHTUNGSVERFAHREN FÜR EINE VOLLMANTELBOHRLOCHFÜHRUNG MIT VORGEFERTIGTEM PFAHL UND VORGEFERTIGTER PFAHL DAFÜR

Title (fr)
PROCÉDÉ DE CONSOLIDATION D'INJECTION DE COULIS POUR PIEU PRÉFABRIQUÉ DE GUIDAGE DE TROU DE FORAGE DE COFFRAGE COMPLET ET PIEU PRÉFABRIQUÉ POUR CELUI-CI

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Application
EP 19865349 A 20190614

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Abstract (en)
A grouting consolidation method for a full casing borehole guide prefabricated pile, comprising the following steps: S1, driving a drilling rig carrying a casing (1) to perform borehole construction, the borehole construction being performed to a preset hole depth to form a borehole (2); S2, the casing (1) being housed in the borehole (2); S3, implanting a prefabricated pile (4) into the borehole (2) so that the prefabricated pile (4) reaches a hole bottom of the borehole (2); S4, injecting a slurry (3) into the borehole (2); S5, pulling out the casing (1) so that the prefabricated pile (4) and an inner cavity of the borehole (2) are fixed and cemented into an integrated structure. Also provided is a prefabricated pile, comprising a pile body and a grouting channel (5) provided on the pile body, wherein a liquid inlet end (11) of the grouting channel (5) extends out from an upper end surface of the pile body and a liquid outlet end (12) of the grouting channel (5) extends out from a lower end surface of the pile body and/or a side surface of the pile body.

IPC 8 full level
E02D 5/62 (2006.01)

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