

Title (en)
FULL DISPLACEMENT TECHNIQUE FOR SOIL IMPROVEMENT AND CONSTRUCTING WALLS AND PILES

Title (de)
VOLLVERDRÄNGUNGSTECHNIK ZUR BODENVERBESSERUNG UND BAU VON WÄNDEN UND PFÄHLEN

Title (fr)
TECHNIQUE DE DEPLACEMENT TOTAL POUR UNE AMELIORATION DE SOL ET POUR UNE CONSTRUCTION DE PAROIS ET DES PILES

Publication
EP 1834047 A1 20070919 (EN)

Application
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Priority
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Abstract (en)
[origin: WO2006027000A1] A new full displacement technique capable of improving the soil properties to resist different loads, cutoff seepage, and construct piles and flexible walls. The constructed works integrate with the improved surrounding soil in resisting lateral and vertical loads. All the soil improvement systems are performed using single machine having a special driving vibrator and different compaction and pouring casings and applying an innovative construction technique. This patent constitutes practical solution for problems of soft soils.

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