

Title (en)  
CONSOLIDATING OF SOILS

Title (de)  
KONSOLIDIERUNG VON BÖDEN

Title (fr)  
CONSOLIDATION DE TERRAINS

Publication  
**EP 2959062 B1 20170614 (EN)**

Application  
**EP 14708110 A 20140221**

Priority  
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Abstract (en)  
[origin: WO2014129899A1] A method for consolidating water-containing groundcomprising providing an elongated drain element, the drain element allowing both collection and transport of fluid along a longitudinal direction of the drain element; providing a pump to the drain element; providing the drain element with the pump into the ground to be consolidated; and driving the pump to discharge collected fluid from the drain element. The pump is provided to a bottom end of the drain element and can be a gas-driven Venturi pump, especially an air-driven Venturi pump. The drain element comprises a drain member having a corrugated cross-section transverse to the longitudinal direction of the drain element and the drain element comprises a water-permeable covering that is impermeable to the ground, and wherein the pump is provided inside the covering. The drain member may have a plate-like configuration having the corrugated cross-section in a width direction and having a thickness corresponding to a height of corrugations of the corrugated cross-section.

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