

Title (en)
CONSOLIDATING OF SOILS

Title (de)
KONSOLIDIERUNG VON BÖDEN

Title (fr)
CONSOLIDATION DE TERRAINS

Publication
EP 2959062 A1 20151230 (EN)

Application
EP 14708110 A 20140221

Priority
• NL 2010349 A 20130222
• NL 2014050107 W 20140221

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.

IPC 8 full level
E02D 3/10 (2006.01); **E02D 19/10** (2006.01)

CPC (source: EP)
E02D 3/10 (2013.01); **E02D 19/10** (2013.01)

Citation (search report)
See references of WO 2014129899A1

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)
BA ME

DOCDB simple family (publication)
WO 2014129899 A1 20140828; EP 2959062 A1 20151230; EP 2959062 B1 20170614; MY 175229 A 20200616; NL 2010349 C2 20140825; SG 11201506594V A 20150929

DOCDB simple family (application)
NL 2014050107 W 20140221; EP 14708110 A 20140221; MY PI2015002081 A 20140221; NL 2010349 A 20130222; SG 11201506594V A 20140221