

Title (en)
Underground soil excavation

Title (de)
Untertage-Erdabtragung

Title (fr)
Excavation de déchets souterrains

Publication
EP 2610586 A1 20130703 (EN)

Application
EP 11195778 A 20111227

Priority
EP 11195778 A 20111227

Abstract (en)

In a method of excavating an underground space in the soil below an overlaying structure, the method comprises providing a compensation liquid, providing a plurality of compensation tubes for conveying said compensation liquid, each of said compensation tubes comprising a number of outlets for allowing said compensation liquid to pass from said compensation tube into the surrounding medium. The method further comprises positioning said plurality of compensation tubes in said soil below said structure, excavating said underground space in said soil below said plurality of compensation tubes and monitoring the overlaying structure for detecting changes in the structure due to said excavating of said underground space. Provided a change in the structure is detected, then said compensation liquid is injected into said soil through one or more of said plurality of compensation tubes into said soil.

IPC 8 full level

G01C 1/00 (2006.01); **E02D 3/115** (2006.01); **E21B 7/04** (2006.01); **E21B 47/022** (2012.01); **E21B 47/10** (2012.01); **E21D 1/14** (2006.01);
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CPC (source: EP)
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Citation (search report)

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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)

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DOCDB simple family (application)

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