

Title (en)

METHOD AND KIT FOR MITIGATING THE RISK OF LIQUEFACTION OF GROUND TO BE CONSOLIDATED

Title (de)

VERFAHREN UND KIT ZUR MINDERUNG DES RISIKOS AUF VERFLÜSSIGUNG VON ZU VERFESTIGENDEM BODEN

Title (fr)

PROCÉDÉ ET KIT POUR RÉDUIRE LE RISQUE DE LIQUÉFACTION D'UN SOL DEVANT ÊTRE CONSOLIDÉ

Publication

**EP 3445915 A1 20190227 (EN)**

Application

**EP 17727696 A 20170418**

Priority

- IT UA20162691 A 20160418
- IB 2017052203 W 20170418

Abstract (en)

[origin: WO2017182939A1] A method and associated injection kit for mitigating the risk of liquefaction of ground T to be consolidated having an upper interface surface S, which provides for the production of at least one hole (2) in the ground T to be reached or towards volumes of the ground T, injecting an expanding resin (3) into the at least one hole (2) by means of the injection device (3), activating the expanding resin (3), conglomerating the ground T by means of the expanding resin (3), connecting portions of the ground T to each other, the expanding (resin 3) having an expansion relationship R between a final free volume V<sub>fin</sub> and an initial free volume V<sub>in</sub> less than (5).

IPC 8 full level

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CPC (source: EP)

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Citation (search report)

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Cited by

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