

Title (en)

Method and apparatus for forming a soil-concrete trench wall

Title (de)

Verfahren und Vorrichtung zur Herstellung einer Bodenbetonwand

Title (fr)

Méthode et dispositif pour former une barette de béton de sol

Publication

**EP 1342851 A1 20030910 (DE)**

Application

**EP 02005189 A 20020308**

Priority

EP 02005189 A 20020308

Abstract (en)

The method is for the production of a ground concrete wall and involves the introduction of a tubular body (10) with longitudinally running conduits (15) into the ground. Compressed air (27) and injection material are so fed into the conduits that the compressed air breaks up the ground material (28) inside the tubular body, mixing the ground material with the injection material to form the ground concrete wall. The installation of the tubular body is with the aid of a vibrator fixed at its upper end. The tubular body is box-shaped and open at the bottom. Its vertical conduits are connected to the sources of compressed air and injection material and at their lower ends with outlet nozzles (17) directed into the interior of the tubular body. The outlet nozzles are arranged on opposing walls of the tubular body.

Abstract (de)

Zur Erzeugung einer Bodenbetonwand wird ein kastenförmiger Rohrkörper (10) im Boden eingebracht. Der Rohrkörper (10) enthält vertikale Leitungen (15), durch die Druckluft (27) zugeführt wird, um das Bodenmaterial (28) aufzulockern. Durch die Leitungen (15) wird flüssiger oder pulverförmiger Beton eingeleitet. Auf diese Weise werden formgenaue Betonwände ohne Ausbrüche erzeugt. <IMAGE>

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CPC (source: EP)

**E02D 5/18** (2013.01); **E02D 5/68** (2013.01); **E02D 7/26** (2013.01)

Citation (search report)

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