

Title (en)

Process for producing trench walls

Title (de)

Verfahren zur Herstellung von Schlitzwänden

Title (fr)

Procédé de réalisation de parois moulées

Publication

EP 1672124 B1 20180221 (FR)

Application

EP 05292553 A 20051202

Priority

FR 0413487 A 20041217

Abstract (en)

[origin: EP1672124A2] The method involves arranging a non-liquid binder (10) at right of an outline of a wall to be formed. A trench is excavated corresponding to the wall to be formed while mixing the soil material with the binder in whole volume of the trench, in order to form a diaphragm wall. Liquid is injected while mixing the binder and the soil material. The excavating and the mixing are performed using a machine that moves along the outline. Independent claims are also included for the following: (A) a ground reinforcement method (B) a vertical linear diaphragm wall in the ground.

IPC 8 full level

E02D 5/18 (2006.01); **E02D 17/13** (2006.01)

CPC (source: EP)

E02D 5/187 (2013.01); **E02D 17/13** (2013.01)

Citation (examination)

US 5957624 A 19990928 - CARTER JR ERNEST E [US], et al

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

EP 1672124 A2 20060621; **EP 1672124 A3 20061004**; **EP 1672124 B1 20180221**; ES 2669583 T3 20180528; FR 2879632 A1 20060623; FR 2879632 B1 20070420; PL 1672124 T3 20180731

DOCDB simple family (application)

EP 05292553 A 20051202; ES 05292553 T 20051202; FR 0413487 A 20041217; PL 05292553 T 20051202