# CLAIMS

Claim 1

A method of removing an embedded structure from ground comprising:

installing an injection tube at a position with a certain distance or more from the embedded structure,

attaching a string-like member to the embedded structure, and

hoisting the string-like member thereby pulling up the embedded structure, as well as injecting a sealing material from the injection tube into the ground in a flow amount determined corresponding to at least a diameter of the embedded structure, wherein the installing the injection tube comprises forming at least two bores having different depths at a substantially predetermined distance from the embedded structure in a circumferential direction of the embedded structure, and installing at least two injection tubes having different lengths.

Claim 2

The method of removing the embedded structure according to claim 1, wherein the injecting the sealing material comprises selecting one of the at least two injection tubes corresponding to the position of the embedded structure and injecting the sealing material from the selected injection tube.

Claim 3

The method of removing the embedded structure according to claim 1 or 2, wherein the injecting the sealing material comprises switching an injection tube by a switching apparatus to supply the sealing material.

Claim 4

The method of removing the embedded structure according to any one of claims 1-3, wherein the flow amount of the sealing material is determined based on a pull-up speed of the embedded structure and the diameter of the embedded structure.

Claim 5

The method of removing the embedded structure according to any one of claims 1-4, wherein the sealing material comprises water, a hardener, an accelerator, blast-furnace cement type B.

Claim 6

The method of removing the embedded structure according to any one of claims 1-5, wherein the injection tube is installed at least 0.2 m or more from the embedded structure.

Claim 7

The method of removing the embedded structure according to any one of claims 1-6, the method comprising:

inserting a hollow frame member into the ground so as to surround the embedded structure,

pulling up the frame member inserted from the ground,

attaching the string-like member to the frame member, and

inserting the frame member attached with the string-like member, into the ground so as to surround the embedded structure.

Claim 8

The method of removing the embedded structure according to claim 7, wherein the pulling up the frame member comprises injecting a bond along the outer surface of the frame member, wherein the bond is used for adhesion of plants.

Claim 9

A method of removing an embedded structure from ground comprising:

attaching a string-like member to the embedded structure,

injecting a hollow frame member attached with an injection tube for injecting a sealing material, so as to surround the embedded structure, thereby installing the injection tube at a position with a certain distance or more from the embedded structure, and

hoisting the string-like member thereby pulling up the embedded structure, as well as along with pulling up the frame member, injecting the sealing material from the injection tube into the ground in a flow amount determined corresponding to at least a diameter of the embedded structure, wherein the installing the injection tube comprises forming at least two bores having different depths at a substantially predetermined distance from the embedded structure in a circumferential direction of the embedded structure, and installing at least two injection tubes having different lengths.