Method for improving ground

ABSTRACT

The present invention provides a method for improving ground which is capable of improving the strength or quality of an underground consolidated body formed by reducing the ratio of water to a "rich-mixed" solidification material (a cement) (W/C), assuredly carrying the solidification material from a feed source to a jet device, and reducing the amount of the solidification material treated as an industrial waste in a construction process.

The present invention was accomplished by a method for improving ground including: a step of drilling a drilling hole (H) in a ground to be improved (G);a step of moving (pulling up) a jet device (1) in a vertical direction by rotating the same while the jet device (1) is inserted into the drilling hole(H) and a fluid for cutting the ground(G)(a stable liquid or a partition forming material) is injected from the jet device (1); and a step of injecting a solidification material from the jet device (1).

Fig. 1