

GROUND IMPROVING METHOD

ABSTRACT

The present invention provides a method for improving ground capable of preventing a clod whose representative size is large from remaining in the ground. The present invention was accomplished by a method for improving ground comprising the steps of: cutting a ground by injecting a cutting fluid (e.g. high-pressure water or high-pressure air: including a case where a solidification material is injected) from jet devices (1, 10); feeding a solidification material; mixing a cut ground (G), the cutting fluid and the solidification material; and agitating a mixture thereof to form an underground consolidated body, wherein a plurality of nozzles (N1, N2) are located at an interval in a vertical direction in the jet devices (1, 10), and when the cutting fluid is injected, a cutting fluid (jet J1) is injected from an upward nozzle (N1) in a downward skewed direction, and a cutting fluid (jet J2) is injected from a downward nozzle (N2) in an upward skewed direction.

Fig. 1