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(54) Laying a foundation by vibrating and fluidizing

(57) The present invention relates to a method for inserting an anchor block into the ground (1) for laying a foundation, in particular for anchoring an engineering structure (2), comprising the steps of positioning a vibrating pipe (10) with a vibrating head (11) on the distal end, and introducing the vibrating pipe into the ground by means of a vibrating device (20). The characterizing feature of the method according to the invention is that during the insertion of the vibrating pipe (10) into the ground, in addition to the vibrating by means of a vibrating device (20), the ground around the vibrating head is also fluidized with a fluidization medium. The fluidization medium is fed through a fluidization channel (12) to the vibrating head (11) of the vibrating pipe (10). The fluidization medium flows out through at least one outflow aperture (17) at the level of the vibrating head and mixes with the soil around the vibrating head.

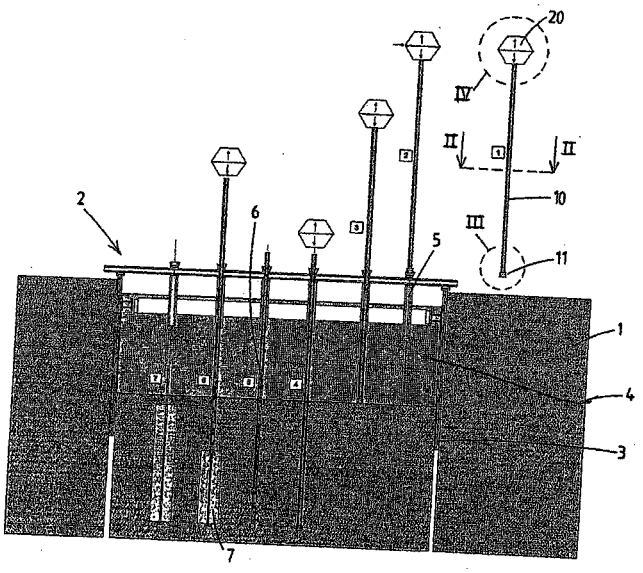

Fig.1

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EUROPEAN SEARCH REPORT

Application Number
EP 08 07 5495

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The present search report has been drawn up for all claims

Place of search	Date of completion of the search	Examiner
The Hague	21 June 2011	Leroux, Corentine

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