

Title (en)

A method of forming a body, e.g. a dike body, a tubular body designed therefor, and a method of manufacturing such a tubular body.

Title (de)

Verfahren zum Herstellen eines Körpers, zum Beispiel eines Deichkörpers, ein dafür entworfener Rohrkörper und ein Verfahren zum Herstellen eines solchen Rohrkörpers.

Title (fr)

Procédé pour réaliser un corps, par exemple un corps de digue, un corps tubulaire conçu à cet effet, et procédé pour la fabrication d'un tel corps tubulaire.

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Application

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Abstract (en)

This invention relates to a method for the forming of a body consisting substantially of loose or lightly cohesive material, such as sand, for example the core of a dike, a quay, a bank reinforcement, a jetty or a breakwater. The invention has for its aim so to prepare such a body that this preparation can take place at a fairly low cost. Further, the invention aims to provide a method in which the form of the prepared body is stable. A further aim of the invention is the provision of a method with the help of which a body can be formed very quickly. Finally the invention aims to offer a method which makes possible a wide freedom of choice in the form of the body concerned, particularly in respect of its diameter, length and place of the filling inlet. Thereto the invention provides in general a method which has the characteristic that a tube body (1) of a fabric that is permeable to water and impermeable to the material is provided, said tube body (1) possessing a supply inlet (43), a mixture of the material and water is provided, that mixture is pumped into the tube body through the supply inlet (43), and these such that the tube body (1) gradually fills up with the material and the water is discharged until the desired extent of filling is achieved, whereafter the pumping is stopped and the supply connection is if necessary closed.

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Cited by

US6186701B1; CN114682376A; DE4439772A1; GB2297343A; GB2297343B; NL1002277C2; AU720998B2; US8777523B2; US8088117B2; US7357598B1; WO2017213489A1; WO9729246A1; WO2004061241A1; KR100515269B1

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