

Title (en)

WEAK GROUND REINFORCING DRAIN STRUCTURE AND METHOD AND APPARATUS FOR ARRANGING THE SAME

Title (de)

DRAINAGESTRUKTUR ZUM FESTIGEN VON LOCKEREN BÖDEN SOWIE VERFAHREN UND VORRICHTUNG

Title (fr)

STRUCTURE DE DRAINAGE CONSOLIDANT LES SOLS MEUBLES ET PROCEDE ET DISPOSITIF DE MISE EN PLACE

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Abstract (en)

A weak ground reinforcing drain structure, a method of arranging such drain structures, and an apparatus used for forming such a drain. The present invention provides a drain pack comprising a reticulate portion and a reinforcement portion, and a square drain pack. The present invention also provides a pack guide casing for burying packs under the ground without causing the packs to be intertwined, as well as a machine for automatically charging packs into a guide casing. Besides these, the present invention discloses a novel drain structure and a method of arranging drain structures with a uniform effective drainage radius. Therefore, the drain arranging method and drain forming apparatus according to the present invention have the effects of maximizing the draining effect and quickening the ground subsidence. <IMAGE>

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