

Title (en)

Method and device for stabilising friction soils and bordering cohesive soils

Title (de)

Verfahren und Vorrichtung zum Stabilisieren von Reibungsbodenschichten und angrenzenden Kohäsionsbodenschichten

Title (fr)

Méthode et dispositif pour la stabilisation d'un sol de friction et d'un sol de cohésion voisin

Publication

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Application

**EP 92106036 A 19920408**

Priority

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Abstract (en)

[origin: EP0516942A1] To stabilise friction soil layers and bordering cohesive soil layers, a compaction beam (2) having an essentially uniform cross-section in the longitudinal direction is driven in by vibration at a plurality of points into at least one friction soil layer and an adjacent cohesive soil layer by means of a vibratory drive (1) put onto the top end of the compaction beam (2) and is then pulled out again. As a result, optimum soil stabilisation is obtained if soil nails (3) nailing the soil layers to one another are drawn into the soil layers by the compaction beam (2) when it is being driven in by vibration and are left in the soil layers when the compaction beam (2) is pulled out. <IMAGE>

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