

Title (en)

METHOD AND APPARATUS FOR FORMING PILES OF SOIL STABILISED AND COMPACTED IN SITU

Publication

EP 0161974 B1 19890628 (FR)

Application

EP 85400787 A 19850422

Priority

FR 8407047 A 19840507

Abstract (en)

[origin: US4662792A] The invention relates to civil engineering works. In particular, it relates to a device suitable for forming a primary column of stabilized and compacted soil, which comprises at least two parallel shafts driving in opposite directions, two parallel augers with opposite pitch, each auger being provided at the opposite end to the drive shaft with a loosening drillhead and the distance between the axes of the augers being less than the diameter of an auger, the shafts and the shanks of the augers comprising a bore connected to a source of material to be added, and at least one orifice which communicates with the said bore being provided on the shank of each auger so as to discharge the material to be added and allow it to be mixed with the loosened soil. Applicable in particular for the compaction of railroad territory.

IPC 1-7

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Cited by

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