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(54) **COMPACTOR AND COMPACTING METHOD FOR A LOOSE LIGHTWEIGHT MATERIAL**

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See application file for complete search history.

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(57) **ABSTRACT**

A compacting apparatus for a light weight loose material has a chamber for receiving the material and an auger for driving the material into a compression tube. During initialization, a plug in the tube impedes the material to cause a compact material plug to form which restricts further loose material in a continuous compacting action. A spring loaded restrictor partially occludes the compression tube for impeding the compacted material in a compression action to thereby form a compressed plug of the loose material continuously.

15 Claims, 6 Drawing Sheets

