of a filling unit is considered to be the fact that the unit is very costly in construction, on the one hand, and on the other hand the worm conveyor is subjected to great wear. Furthermore, the problem exists, especially in regard to the feeding direction, that the unit has to be pulled, which requires a mechanical infrastructure tailored to the unit, so that a flexible use of the unit is only possible to some extent.

[0004] **Problem**

[0005] According to the invention, the problem is to further modify a device for the filling of granular, pulverulent, and free-flowing materials into a container made from geotextile material that is much more simple in its design and that has more flexible application.

[0005a] **Summary of the invention**

[0005b] In a first aspect, there is provided a device for the filling of granular, pulverulent, and free-flowing materials into a container made from geotextile material, preferably in a hose and sack shaped container, comprising a housing that allows the advancement of the material and in which a conveying device is arranged, on the entry side of which the material can be filled in and on its exit side a hose made of geotextile material receives the material, and wherein the hose can be shaped on the jacket of the housing, which can be unwound as a web from a feeding device that is designed like a roll, and wherein the longitudinal sides of the web can be connected to each other by means of a device in the region of the jacket, wherein the housing of a tubular body that extends perpendicular to the direction of advance and is arranged vertically, said tubular body interacting with a feeding device for the geotextile material, which rotates about the jacket of the tubular body and is designed as an unrolling device, **characterized in that** the feeding device consists of a frame outfitted with at least one roller and the frame consists of two triangular frames arranged one on top of the other, and in the corner regions of the triangular frames are arranged bearing seats for the pivot axles of the rollers.

Presentation of the invention

[0006] According to the invention, the problem is solved by the main claim. Advantageous configurations of the invention result from the subclaims.

[0007] The device according to the invention consists of a housing, which extends perpendicular to the direction of advance, and advantageously the housing consists of a vertically arranged tubular body. In this way, the filling of the material into the housing can occur by free fall, so that a spontaneously formed cone of material in the housing brings about the necessary compacting. In order to place the hose sheath about the material that has been formed and compacted, an unrolling device which rotates about the jacket of the tubular body interacts with the housing, being provided with the geotextile material via a feeding device. Thus, on the one hand the device can be manipulated in flexible manner, since it can be suspended from a crane arm or an excavator, and the free-flowing material can be introduced into the upper region of the tubular body by means of a conveyor belt, the tubular body settling toward the bottom of the housing, while at the same time by lifting the device in the feed direction the resulting column of material is sheathed with the geotextile material as it is unrolled.

[0008] The device of the invention can also handle free-flowing material that is pumped into the tubular body. The geotextile material is water-permeable in construction, so that after the pumping process the water is discharged through the wound enclosing surface and the solids are held back in the wound hose.

[0009] Thus, thanks to the design of the invented device, a filled hose can be prepared on site with the usual available construction equipment.

~~MODIFIED~~ **CLAIMS**

~~arrived at the International Bureau on 7 March 2012 (3/7/2012)~~

~~CLAIMS~~

1. Device for the filling of granular, pulverulent, and free-flowing materials into a container made from geotextile material, preferably in a hose and sack shaped container, comprising a housing that allows the advancement of the material and in which a conveying device is arranged, on the entry side of which the material can be filled in and on its exit side a hose made of geotextile material receives the material, and wherein the hose can be shaped on the jacket of the housing, which can be unwound as a web from a feeding device that is designed like a roll, and wherein the longitudinal sides of the web can be connected to each other by means of a device in the region of the jacket, wherein the housing ~~(6)~~ of a tubular body ~~(15)~~ that extends perpendicular to the direction of advance and is arranged vertically, said tubular body interacting with a feeding device ~~(12)~~ for the geotextile material, which rotates about the jacket ~~(10)~~ of the tubular body ~~(15)~~ and is designed as an unrolling device ~~(16)~~, **characterized in that** the feeding device ~~(12)~~ consists of a frame ~~(20)~~ outfitted with at least one roller ~~(17, 18 or 19)~~ and the frame ~~(20)~~ consists of two triangular frames ~~(21, 22)~~ arranged one on top of the other, and in the corner regions of the triangular frames ~~(21, 22)~~ are arranged bearing seats ~~(24)~~ for the pivot axles ~~(21)~~ of the rollers ~~(17, 18, 19)~~.

2. Device according to claim 1, **characterized in that** three rollers ~~(17, 18 and 19)~~ are disposed in the frame ~~(20)~~.

3. Device according to claim 1, **characterized in that** the pivot axles ~~(21)~~ of the rollers ~~(17, 18, 19)~~ are disposed in the frame ~~(20)~~ in a slanted position.

4. Device according to claim 3, **characterized in that** the upper triangular frame ~~(21)~~ is arranged with an offset relative to the lower triangular frame ~~(22)~~ to make possible the slanted positions for the pivot axles ~~(21)~~.

5. Device according to claim 4, **characterized in that** a cylinder ~~(25)~~ is provided to adjust the slanted position between the upper triangular frame ~~(21)~~ and the lower triangular frame ~~(22)~~.

6. Device according to claim 5, **characterized in that** a swivel head ~~(29)~~ is secured to the side legs ~~(26, 27, 28)~~ on the upper triangular frame ~~(21)~~, lying against the tubular body ~~(15)~~.

7. Device according to claim 6, **characterized in that** pressing rollers ~~(30)~~ are provided on the side legs ~~(26, 27, 28)~~ of upper triangular frame ~~(21)~~ and lower triangular frame ~~(22)~~.

8. Device according to claim 7 **characterized in that** a connection mechanism ~~(14)~~ for the seam is provided on the swivel head ~~(29)~~.