CLAIMS

1. Device for introducing a filling material into a hole in the ground,
with a channel-like filling means which can be introduced into the hole and has an upper feed opening for feeding in the filling material and a lower discharge opening for discharging the filling material,
wherein
the filling means has an upper feed section and a flexible hose section arranged below,
during the filling of the hole with the filling material the flexible hose section can be moved upwards along the feed section and
a severing means is provided, with which an upper area of the flexible hose section can be severed along a longitudinal direction during its upward movement.

2. Device according to claim 1,
wherein
the severing means is designed as a cutting means with a cutting edge.

3. Device according to claim 2,
wherein
the cutting edge of the cutting means is directed downwards in the direction of a lower area of the filling means.

4. Device according to claim 1,
wherein
the feed section has a feed hopper and
the severing means is arranged below the feed hopper.

5. Device according to claim 1,
wherein
the feed section has a guide section, along which the flexible hose section is guided in a displaceable manner.

6. Device according to claim 1,
wherein
below the flexible hose section the filling means has a pipe section, on which the discharge opening is designed.

7. Device according to claim 1,
wherein
in a lower area of the filling means a floating body is fixed, which is designed to raise the lower area of the filling means in the hole as a function of a filling degree of the hole.

8. Device according to claim 1,
wherein
a pull rope for raising the flexible hose section is provided.

9. Device according to claim 8,
wherein
a winch for pulling and/or receiving the pull rope is provided.

10. Device according to claim 8,
wherein
a measuring means for determining a depth of a fixing point of the pull rope on the filling means is provided.

11. Device according to claim 1,
wherein
a means for winding up the severed, flexible hose section is provided.

12. Device according to claim 1,
wherein
the flexible hose section comprises a plastic and/or textile hose.

13. Device according to claim 1,
wherein
the filling means is designed in a fluid-tight manner for use in a hole filled with liquid.

14. Device according to claim 1,
wherein
for severing along its longitudinal axis the flexible hose section of the filling means has a defined material weakening.

15. Method for introducing a filling material into a hole in the ground, in particular for producing a foundation or sealing element, in particular by means of a device according to claim 1, wherein a channel-like filling means is introduced into the hole, the filling material is fed through an upper feed opening into the filling means and discharged via a lower discharge opening into the hole,
wherein
during the filling of the hole a flexible hose section of the filling means is moved upwards along an upper feed section and
during upward movement an upper area of the flexible hose section is severed along a longitudinal direction by means of a severing means.

CLAIMS

1. Device for introducing a filling material into a hole in the ground,
with a channel-like filling means which can be introduced into the hole and has an upper feed opening for feeding in the filling material and a lower discharge opening for discharging the filling material,
wherein
the filling means has an upper feed section and a flexible hose section arranged below,
a pull rope for raising the flexible hose section is provided so that the flexible hose section can be moved upwards along the feed section during the filling of the hole with the filling material, and
a severing means is provided, with which an upper area of the flexible hose section can be severed along a longitudinal direction during its upward movement.

2. Device according to claim 1,
wherein
the severing means is designed as a cutting means with a cutting edge.

3. Device according to claim 2,
wherein
the cutting edge of the cutting means is directed downwards in the direction of a lower area of the filling means.

4. Device according to claim 1,
wherein
the feed section has a feed hopper and
the severing means is arranged below the feed hopper.

5. Device according to claim 1,
wherein

the feed section has a guide section, along which the flexible hose section is guided in a displaceable manner.

6. Device according to claim 1,
wherein
below the flexible hose section the filling means has a pipe section, on which the discharge opening is designed.

7. Device according to claim 1,
wherein
in a lower area of the filling means a floating body is fixed, which is designed to raise the lower area of the filling means in the hole as a function of a filling degree of the hole.

8. Device according to claim 1,
wherein
a winch for pulling and/or receiving the pull rope is provided.

9. Device according to claim 1,
wherein
a measuring means for determining a depth of a fixing point of the pull rope on the filling means is provided.

10. Device according to claim 1,
wherein
a means for winding up the severed, flexible hose section is provided.

11. Device according to claim 1,
wherein
the flexible hose section comprises a plastic and/or textile hose.

12. Device according to claim 1,
wherein

the filling means is designed in a fluid-tight manner for use in a hole filled with liquid.

13. Device according to claim 1,
wherein
for severing along its longitudinal axis the flexible hose section of the filling means has a defined material weakening.

14. Method for introducing a filling material into a hole in the ground, in particular for producing a foundation or sealing element, in particular by means of a device according to claim 1, wherein a channel-like filling means is introduced into the hole, the filling material is fed through an upper feed opening into the filling means and discharged via a lower discharge opening into the hole,
wherein
during the filling of the hole a flexible hose section of the filling means is moved upwards along an upper feed section by means of a pull rope, and
during upward movement an upper area of the flexible hose section is severed along a longitudinal direction by means of a severing means.