Claims

1. A hoisting device comprising:

a body (1),

a hoisting rope (2),

a rope drum (3) arranged in connection with the body (1), on which a first end of the hoisting rope (2) is fastened and around which the hoisting rope (2) winds,

a hoisting part (4) which ascends and descends, by means of the hoisting rope (2), c h a r a c t e r i s e d in that

the hoisting device comprises a fastening device (5) of a second end (2-2) of the hoisting rope (2), which is formed into a loop wherein a spiral groove (15) is substantially surrounding the entire loop and in which the part adjacent to the second end (2-2) of the hoisting rope (2) is received, and

that the hoisting device has a fastening arrangement (6) which locks the second end (2-2) of the hoisting rope (2) to the fastening device (5), preventing the second end (2-2) from being pulled out of the fastening device (5).

2. A hoisting device as claimed in claim 1, c h a r a c t e r i s e d in that said fastening device (5) of the hoisting rope (2) is detachably and rotatably fixed to the hoisting part (4).

3. A hoisting device as claimed in claim 1, c h a r a c t e r i s e d in that

in connection with the hoisting part (4) there is at least one sheave (7) which receives the hoisting rope (2) from the rope drum (3), and in that

said fastening device (5) of the hoisting rope (2) which receives the hoisting rope (2) from the sheave (7) is detachably and rotatably fixed to the body.

4. A hoisting device as claimed in claim 2 or 3, c h a r a c t e r i s e d in that

said fastening device (5) of the hoisting rope (2) is detachably and rotatably fixed to an end of a sheave shaft.

5. A hoisting device as claimed in claim 1, c h a r a c t e r i s e d in that said loop goes around a fastening point (13) arranged at a centre part of the loop, by means of which the fastening device (5) is fastened to the hoisting device.

6. A hoisting device as claimed in claim 5, c h a r a c t e r i s e d in that said loop is a closed loop.

7. A hoisting device as claimed in claim 5, c h a r a c t e r i s e d in that said loop is an open loop.

8. A hoisting device as claimed in claim 5, c h a r a c t e r i s e d in that said loop is an angular loop.

9. A hoisting device as claimed in claim 5, c h a r a c t e r i s e d in that said loop is at least partly a circular loop.

10. A hoisting device as claimed in any of the preceding claims, c h a r a c t e r i s e d in that

the point between the first and second end (2-2) of the hoisting rope (2), at which the hoisting rope (2) is received in the spiral groove (15) of the hoisting device (5), is located on the same vertical line (16) as the fastening point (13) of the fastening device (5).

11. A hoisting device as claimed in any of the preceding claims, c h a r a c t e r i s e d in that

said fastening arrangement (6) which locks the second end (2-2) of the hoisting rope (2) to the fastening device (5) comprises a bolt (17) by means of which the second end (2-2) of the hoisting rope (2) is fastened to the fastening device (5).

12. A hoisting device as claimed in any of the preceding claims, c h a r a c t e r i s e d in that

said fastening arrangement (6) which locks the second end (2-2) of the hoisting rope (2) to the fastening device (5) comprises a knot (18) by means of which the second end (2-2) of the hoisting rope (2) is fastened to the fastening device (5).

13. A hoisting device as claimed in any of the preceding claims, c h a r a c t e r i s e d in that

the spiral groove (15) of the fastening device (5) is rounded and dimensioned to match the outer diameter of the hoisting rope (2).

14. A hoisting device as claimed in any of the preceding claims, c h a r a c t e r i s e d in that

said hoisting rope (2) comprises a synthetic material.