PATENT CLAIMS

1. A holding device (1) for a cable (2) having an at least partially external braid (3), comprising

a. a base element (4) having

i. a first opening (7) which extends in an axial direction for the passage of the cable (2);

ii. a base (9) for mounting the base element (4) on a housing;

b. a tensioning element (5) for interconnection to the base element (4), having a second opening (8) which extends in the axial direction for the passage of the cable (2);

c. a crimp element (6) having an outer crimp sleeve (10) and an therein arranged inner support sleeve (11),

wherein

d. the crimp sleeve (10) in the axial direction comprises a stop (14) for the support sleeve (11), and

e. in an assembled state of the cable (2) in the holding device (1), the braid (3) is arranged between the crimp sleeve (10) and the support

sleeve (11), and the crimp sleeve (10) and the support sleeve (11) are crimped axially to one another.

2. The holding device (1) according to one of the preceding claims, **characterized in that** the crimp sleeve (10), in a non-deformed state prior to crimping, comprises a crimping region (12) extending in the axial direction.

3. The holding device (1) according to claim 2, **characterized in that**, prior to crimping and in the assembled state of the support sleeve (11) in the crimp sleeve (10), the crimping region (12) projects beyond the support sleeve (11) in the axial direction.

4. The holding device (1) according to claim 2 or 3, **characterized in that** a length C, measured in the axial direction from a folding edge of the braid (3) to a distal end of the crimping region (12), has a ratio of C/D = 0.3 – 0.5 in relation to an outer diameter D of a contact surface (26) of the crimp sleeve (10).

5. The holding device (1) according to one of the preceding claims, **characterized in that** the crimp sleeve (10) has at least one radial through opening (13) such that in the assembled state the braid (3) can be optically recognizable through said through opening (13).

6. The holding device (1) according to one of the preceding claims, **characterized in that** the support sleeve (11) is axially deformable.

7. The holding device (1) according claim 1, **characterized in that** the support sleeve (11) has at least one deformation region (15) for the axial deformation.

8. The holding device (1) according to one of the preceding claims, **characterized in that** the support sleeve (11) has a radial shoulder (17) for resting on an end of the cable sheath (19).

9. The holding device (1) according to one of the preceding claims, **characterized in that** a contact spring (20) for electrically contacting the crimp element (6) is arranged on the base element (4) or the tensioning element.

10. The holding device (1) according to claim 9, **characterized in that** the contact spring (20) is arranged in a radial groove (21) of the base element (4) and/or of the crimp sleeve (10).

11. A method for assembling a holding device (1), comprising the following method steps:

a. providing a holding device (1) as claimed in one of patent claims 1 to 10;

b. providing a cable (2) having an at least partially external braid (3);

c. pushing the tensioning element (5) onto the cable (2);

d. pushing the support sleeve (11) onto the cable (2);

e. flaring and folding the braid (3) about the support sleeve (11);

f. pushing the crimp sleeve (10) onto the cable (2) and about the support sleeve (11);

g. axially crimping the crimp sleeve (10) and the support sleeve (11);

h. pushing the base element (4) onto the cable (2);

i. interconnecting the tensioning element (5) that has been pushed onto the cable (2) to the base element (4).

12. The method for assembling according to claim 11, **characterized in that**, prior to pushing on the support sleeve (11), at least one clamping element (22) is first pushed onto the cable (2).