Claims:

1. Cable bushing having a two-part, frame-shaped housing, which has a lower housing part (2) and an upper housing part (3), which parts form a passage opening (6) in the installed position, wherein a first sealing element (7) composed of an elastic material is inserted into the lower housing part (2) and a second sealing element (8) composed of an elastic material is inserted into the upper housing part (3), wherein the first and the second sealing elements (7, 8) close off the passage opening (6) in the installed position, forming adjacent tubular cable bushing channels (9), which, viewed in an axial introduction direction, form multiple sealing regions, one behind the other, having a reduced cross-section from an outside to an inside, so that a corresponding cable bushing channel (9) formed by semi-tubular recesses in a corresponding sealing element (7, 8) is suitable for sealing off different cable diameters, wherein each sealing element (7, 8) has multiple parallel longitudinal walls (12a-12d, 13a-13d), spaced apart from one another by means of longitudinal grooves (10, 11), extending transverse to the introduction direction, in each instance, wherein an innermost longitudinal wall (12d, 13d), seen in the introduction

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direction, is closed off, and for forming the corresponding cable bushing channel (9), the other longitudinal walls (12a-12c, 13a-13c) have semi-tubular recesses (14a-14c, 15a-15c) that have a decreasing radius from an outermost (14a, 15a) to a second innermost (14c, 15c) longitudinal wall, wherein transverse ridges (16) are formed between adjacent cable bushing channels (9) in one sealing element (7), at a right angle to the longitudinal walls (12a-12d) and having a height that is equal to the height of the longitudinal walls (12a-12d), and recesses (17) that are complementary to the ridges areformed in the longitudinal walls (13a-13d) in the other sealing element (8), the transverse ridges (16) in the installed position engaging into the recesses (17), wherein in the installed position, the longitudinal walls (12a-12d, 13a-13d) engage partially into the corresponding longitudinal groove (10, 11) of the one sealing element or the other.

2. Cable bushing according to claim 1,
wherein a width of the corresponding longitudinal groove (10, 11) between adjacent longitudinal walls (12a-12d, 13a-13d) approximately corresponds to a wall thickness of the longitudinal walls (12a-12d, 13a-13d).

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3. Cable bushing according to claim,

wherein

stops (18) for the longitudinal walls (12a-12d) of the one sealing element (7) are formed in the longitudinal grooves (11) of the other sealing element (8).

4. Cable bushing according to claim 1,

wherein

the one sealing element (7) has transverse walls (19) parallel to the transverse ridges (16) on both outer sides, which walls enclose the other sealing element (8) on the outside, in the installed position.

5. Cable bushing according to claim 4,

wherein

the other sealing element (8) has bottom ridges (20) on an outside of the other sealing element (7), which abut the transverse walls (19) in the installed position.

6. Cable bushing according to claim 1,

wherein

the other sealing element (8) has a bottom ridge (21), directed

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parallel to the innermost longitudinal wall (13d), on an outside of the other sealing element (8), bordering on the innermost longitudinal wall (13d).

7. Cable bushing according to claim 1,
wherein
the one sealing element (7) has a bottom ridge (22), directed parallel to the outermost longitudinal wall (12a), on an outside of the one sealing element (7), bordering on the outermost longitudinal wall (12a).

8. Cable bushing according to claim 1,
wherein
the lower housing part (2) and the upper housing part (3) can be screwed together.

9. Cable bushing according to claim 1,
wherein
the lower housing part (2) or the upper housing part (3) is an integral component of a further housing.

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