Claims

1. An implant having an openwork, hollow-cylindrical main body, which is assembled from a plurality of openwork, hollow-cylindrical segments, which are arranged in succession in a longitudinal direction and which are connected to one another, wherein the plurality of segments comprise a terminal segment at each end of the main body arranged in the longitudinal direction and at least one inner segment, at least one inner segment is arranged in the longitudinal direction between the two terminal segments, wherein each segment has a plurality of struts, which together form a meandering structure with maximum points and minimum points which runs around in the circumferential direction, wherein the main body is configured to assume a compressed state and an expanded state, and wherein the meandering structure of at least one terminal segment has a smaller number of minimum points than the at least one inner segment.

2. The implant according to claim 1, wherein the outer diameter of the at least one terminal segment in the expanded state corresponds to the outer diameter of the at least one inner segment.

3. The implant according to either one of the preceding claims, wherein both terminal segments have a smaller number of minimum points than the at least one inner segment.

4. The implant according to any one of the preceding claims, wherein at least one eyelet for the arrangement of a functional element consisting of an x-ray opaque and/or radiopaque material is provided on the meandering structure of at least one terminal segment of the main body, wherein the inner opening of the eyelet has an elliptical form.

5. The implant according to claim 4, wherein a functional element consisting of an x-ray opaque and/or radiopaque material is arranged in the at least one eyelet.

6. The implant according to any one of the preceding claims, wherein at least one terminal segment has a segment width which is greater than the segment width of the at least one inner segment.

7. The implant according to any one of the preceding claims, wherein the distance between a terminal segment and the adjacent inner segment is greater than the distance between two adjacent inner segments.

8. The implant according to any one of the preceding claims, wherein the struts of at least one terminal segment have a smaller width and/or thickness and/or a stronger rounding of the edges than the struts of the at least one inner segment.

9. The implant according to any one of the preceding claims, wherein adjacent segments are connected to one another by means of at least one connecting strut, wherein the at least one connecting strut has a smaller strut width than the struts of the at least one inner segment and/or the struts of the at least one terminal segment.