Patent claims

1. A device for manoeuvring a watercraft comprising a rudder trunk and a receiving shaft, wherein a first part of the rudder trunk is disposed in the receiving shaft in such a manner that there is an intermediate space between the first part of the rudder trunk and a wall of the receiving shaft, and a second part of the rudder trunk projects from the receiving shaft, wherein the intermediate space is filled with a connecting means at least in certain areas and wherein the connecting means clamps the first part of the rudder trunk over a clamping height, wherein the connecting means connects the first part of the rudder trunk to the wall of the receiving shaft, wherein the connecting means is disposed at least in ~~the~~ a lower end region of the clamping height and in ~~the~~ an upper end region of the clamping height,
   wherein the connecting means is disposed surrounding an entire circumference of the first part of the rudder trunk and wherein the length ratio between the clamping height and the second part of the rudder trunk is at least 1, preferably between 1 and 3, particularly preferably between 1 and 2, ~~and the intermediate space in the lower end region of the clamping height has a larger clearance than in the upper end region of the clamping height.~~ and wherein a wall thickness of the rudder trunk in the upper end region of the clamping height comprises a lower thickness than in the lower end region of the clamping height.

2. The device according to claim 1,
   wherein the connecting means comprises means for adhesive bonding and/or
   that the connecting means is disposed continuously over the entire clamping height.

3. The device according to claim 1 or 2,

wherein the intermediate space between the first part of the rudder trunk and the wall of the receiving shaft has a constant clearance at least over half the clamping height, preferably at least over 2/3 of the clamping height , particularly preferably at least over 3/4 of the clamping height.

4. The device according to any one of the preceding claims,
wherein the intermediate space in the lower end region of the clamping height has a larger clearance than in the upper end region of the clamping height and/or
wherein the clearance in the lower end region of the clamping height increases when viewed in the direction from the upper end region to the lower end region, preferably linearly.

5. The device according to any one of the preceding claims,
wherein the rudder trunk has a wall thickness, wherein the wall thickness in the upper end region of the clamping height has a smaller thickness than in the lower end region of the clamping height.

6. The device according to any one of the preceding claims,

wherein the rudder trunk has an outside diameter, wherein the outside diameter is substantially constant.

7. The device according to any one of the preceding claims,

wherein the rudder trunk has an inside diameter, wherein the inside diameter in the upper end region of the clamping height is greater than in the lower end region of the clamping height .

13. The device according to any one of the preceding claims,

wherein the rudder trunk and the wall of the receiving shaft comprise steel or steel materials.

14. A method for manufacturing a manoeuvring device for a watercraft, comprising the following steps:

a) inserting a rudder trunk into a receiving shaft , wherein a first part of the rudder trunk is disposed in the receiving shaft and a second part of the rudder trunk projects from the receiving shaft ,

b) aligning the rudder trunk in the receiving shaft in such a manner that an intermediate space extends between the first part of the rudder trunk and the wall of the receiving shaft, wherein the intermediate space surrounds an entire circumference of the first part of the trunk,

c) introducing a connecting means into the intermediate space in such a manner that the connecting means is introduced against the gravitational force and that the connecting means completely, i. e. over an entire circumference of the first part of the trunk , connects the first part of the rudder trunk over a clamping height to the wall of the receiving shaft , wherein the connecting means is disposed at least in ~~the~~ a lower end region and in ~~the~~ an upper end region of the clamping height, wherein before introducing the connecting means the intermediate space between the first part of the rudder trunk and the wall of the receiving shaft is sealed in the lower end region of the clamping height with at least one means for sealing~~.~~ and,

wherein a wall thickness of the rudder trunk in the upper end region of the clamping height comprises a lower thickness than in the lower end region of the clamping height.