CLAIMS

1. An axially split pump for conveying a fluid, comprising:

an axially split housing comprising a bottom part and a cover, the bottom part having a first sealing surface and the cover having a second sealing surface, the bottom part and the cover being configured to be fastened to one another so that the first and second sealing surfaces are in direct contact with one another, a first sealing groove configured to receive a first string-like sealing element and being disposed in at least one of the first and second sealing surfaces, and a second sealing groove being disposed to receive a second string-like sealing element, the second sealing groove being connected to the first sealing groove via an opening, a connection element being disposed in the opening, the connection element having two lateral cut-outs configured to receive a respective one of the first and second string-like sealing elements, the cut-outs being arranged and configured so that the first and second string-like sealing elements are capable of being run substantially in parallel in the region of the connection elements.

2. A pump in accordance with claim 1, wherein the first string-like sealing element is inserted into the first sealing groove and the second string-like sealing element is inserted into the second sealing groove and each of the two lateral cut-outs of the connection element respectively receives one of the first and second string-like sealing elements.

3. A pump in accordance with claim 1, wherein one of the two cut-outs receives a straight end of one of the first and second string-like sealing elements.

4. A pump in accordance with claim 1, wherein each of the cut-outs has an inner contour which respectively follows a jacket surface of the respective string-like sealing element.

5. A pump in accordance with claim 2, wherein the two lateral cut-outs respectively have a length in the connection element, the length being at least as large as three times the diameter of the inserted sealing element.

6. A pump in accordance with claim 1, in which each sealing groove is disposed in the bottom part of the housing.

7. A pump in accordance with any claim 1, wherein the connection element is manufactured from a plastic.

8. A pump in accordance with claim 1, wherein the first sealing groove is arranged to seal the inner space of the pump from environmental pressure.

9. A pump in accordance with claim 1, wherein the second sealing groove is arranged to seal between two pressure spaces in the pump, in the pressure spaces different pressures are present in an operating state.

10. A pump in accordance with claim 1, wherein the opening has a cut-out extending in parallel with a longitudinal extent of the connection element.

11. A pump in accordance with claim 10, wherein an elastic pre-load element is inserted into the cut-out, the elastic pre-loading element exerting a pre-load on one of the string-like sealing elements.

12. A pump in accordance with claim 11, wherein the preloading element is spring elastic and extends in parallel with one of the string-like sealing elements.

13. A pump in accordance with claim 1, wherein the first and second string-like sealing elements are elastomers.

14. A pump in accordance with claim 1 configured as a centrifugal pump having a design pressure of at least 50 bar.

15. A pump in accordance with claim 1 configured as a multi-stage pump.

16. A pump in accordance with claim 12, wherein the preloading element is a spring.

17. A pump in accordance with claim 1, wherein the first and second string-like sealing elements are nitrile rubber.

18. A pump in accordance with claim 1, wherein the first and second string-like sealing elements are nitrile butadiene rubber.

19. A pump in accordance with claim 1 configured as a centrifugal pump having a design pressure of at least 100 bar.