

Coupling element and docking device comprising a coupling element

Abstract

This invention relates to a coupling element and a docking device comprising a coupling element. The invention further relates to a holding device for the manipulation of the coupling elements and docking devices in accordance with the invention and a connection device comprising at least two coupling elements in accordance with the invention. The coupling device in accordance with the invention comprises at least a first sealing strip including, at least in sections, an elastic flank piece with an inner side, an outer side, an upper side and/or edge and/or an upper side and/or edge, at least a first mounting element on the first end of the flank piece and at least a second mounting element on the second end, positioned opposite the first end, of the flank piece; at least a second sealing strip including, at least in sections, an elastic flank piece with an inner side, an outer side, an upper side and/or edge and/or a lower side and/or edge, at least a first mounting element on the first end of the flank piece and at least a second mounting element on the second end, positioned opposite the first end, of the flank piece, whereby the inner sides of the flank pieces of the first and second sealing strips can be attached to one another to form a seal, at least in sections, whereby the first mounting element of the first sealing strip with the second mounting element of the second sealing strip and the second mounting element of the first sealing strip and the first mounting element of the second sealing strip can, respectively be positioned adjacent to one another with, at least in sections, reciprocal positioning of the inner sides of the flank pieces of the first and second sealing strips, forming first and second articulated sections of at least a first articulated cap, which by forming a pivot bearing can be positioned, at least partially, over and/or around a first articulated section, and/or at least a second articulated cap, which forming a pivot bearing, can be positioned, at least partially, over and/or around a second articulated section; and/or at least a first articulated axis for retaining in the first inner space for pivotal mounting of the first articulated section, and/or at least a second articulated axis for retaining in the second inner space for pivotal mounting of the second articulated section.

Fig. 7