

Title (en)
SYSTEM FOR THE FLUID-GUIDING CONNECTION OF AN ELEMENT TO A COUNTERPART, ADAPTER ELEMENT AND ADAPTER HOUSING FOR FLUID-GUIDING CONNECTION AND ADAPTER SYSTEM HAVING THE ADAPTER ELEMENT AND THE ADAPTER HOUSING

Title (de)
SYSTEM ZUM FLUIDFÜHRENDEN VERBINDEN EINES ELEMENTS MIT EINEM GEGENSTÜCK, ADAPTERELEMENT SOWIE ADAPTERGEHÄUSE ZUM FLUIDFÜHRENDEN VERBINDEN SOWIE ADAPTERSYSTEM AUFWEISEND DAS ADAPTERELEMENT SOWIE DAS ADAPTERGEHÄUSE

Title (fr)
SYSTÈME POUR RACCORDER UN ÉLÉMENT DE GUIDAGE DE FLUIDE À UN ÉLÉMENT CORRESPONDANT, ÉLÉMENT ADAPTATEUR ET BOÎTIER ADAPTATEUR POUR RACCORD DE GUIDAGE DE FLUIDE ET SYSTÈME ADAPTATEUR COMPRENANT L'ÉLÉMENT ADAPTATEUR ET LE BOÎTIER ADAPTATEUR

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Abstract (en)
[origin: WO2022029004A1] The present invention relates to a system (100) for the flow-guiding or fluid-guiding connection of an element (200) to a counterpart 300, comprising: a first seal (110), consisting of a valve body (101) and a first seal element (102) which is arranged in a fluid channel (301), the valve body (101) being configured, by interaction with the seal element (102), to be able to be displaced or moved between an open position, in which a fluid, more particularly gas, can flow through the fluid channel (301), and a closed position, in which no fluid, more particularly gas, can flow through the fluid channel (301), and a second seal (120), which is arranged downstream of the first seal (110) in the fluid channel (301) in a flow-out direction A of the fluid flowing through/out of the fluid channel (301) and is configured to seal a connection region 302 between the fluid channel (301) and the element (200), more particularly to seal same in a gas-tight manner, the second seal (120) being designed such that, when the element (200) is connected to the counterpart (300), the second seal seals the connection region 302 before the first seal (110) can be or is mechanically displaced or moved into the open position.

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