

Title (en)
DEVICE FOR CONNECTING A GAS-CARRYING PIPE ELEMENT AND METHOD FOR CONNECTING A GAS-CARRYING PIPE ELEMENT

Title (de)
VORRICHTUNG ZUR VERBINDUNG EINES GASFÜHRENDEN LEITUNGSELEMENTS UND VERFAHREN ZUR VERBINDUNG EINES GASFÜHRENDEN LEITUNGSELEMENTS

Title (fr)
DISPOSITIF DE RACCORDEMENT D'UN ÉLÉMENT DE TUYAU DE TRANSPORT DE GAZ ET PROCÉDÉ DE RACCORDEMENT D'UN ÉLÉMENT DE TUYAU DE TRANSPORT DE GAZ

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Abstract (en)
[origin: CN113915355A] The present invention relates to a device (100) for connecting a gas-carrying pipe element (1), more particularly a hydrogen-carrying pipe element, to a counter-piece (2), more particularly a component, comprising: at least one threaded body (10), which is designed to be engaged tightly, more particularly gas tightly, with the counter-piece (2), a first seal (3), which is designed in the form of a valve body (3a), which is designed to be brought into contact, more particularly to be brought into gas-tight contact, with a valve seat (4) provided on the counter-piece (2) or is designed in the form of a gasket, and a second seal (5), which operates on a sealing action principle which exerts or develops the sealing action independently of an axial displacement, more particularly in a direction of insertion E, which is required to produce the sealing effect of the first seal (3).

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