

Title (en)

METHOD AND DEVICE FOR ASSEMBLING AND FILLING A HYDRAULIC COUPLER MODULE

Title (de)

VERFAHREN UND VORRICHTUNG ZUM MONTIEREN UND BEFÜLLEN EINES HYDRAULISCHEN KOPPLERMODULS

Title (fr)

PROCÉDÉ ET DISPOSITIF POUR LE MONTAGE ET LE REMPLISSAGE D'UN MODULE COUPLEUR HYDRAULIQUE

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Abstract (en)

[origin: WO2014086589A1] The invention relates to a method for assembling and filling a hydraulic coupler module (1), in which method, to form a defined coupler volume (2), a coupler piston (3) and a valve piston (4) are inserted into a hollow cylindrical coupler body (5), and the coupler volume (2) formed between the two pistons (3, 4) is filled with a coupler medium. According to the invention, at least the valve piston (4) and the coupler body (5) are pre-assembled and inserted, valve piston (4) first, into a receiving bore (6) of a container (7) of a device for assembling and filling a hydraulic coupler module (1). The receiving bore (6) is subsequently flooded with the coupler medium via a feed bore (8) arranged in the base region of the container (7), wherein air that is present in the receiving bore (6) and/or in the coupler body (5) is displaced upward and the coupler body (5) is filled completely with the coupler medium. The invention also relates to a device for carrying out the method according to the invention.

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