

Title (en)

QUICK CHANGE ATTACHMENT COMPRISING A HYDRAULIC COUPLING FOR MEDIA ON A PIECE OF CONSTRUCTION EQUIPMENT

Title (de)

SCHNELLWECHSELVORRICHTUNG MIT EINER HYDRAULISCHEN KUPPLUNG FÜR MEDIEN AN EINEM BAUGERÄT

Title (fr)

DISPOSITIF DE CHANGEMENT RAPIDE COMPRENANT UN COUPLAGE HYDRAULIQUE POUR DES SUPPORTS SITUES SUR UN APPAREIL DE CONSTRUCTION

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Application

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Abstract (en)

[origin: WO2005093171A1] The invention relates to a quick change attachment comprising a hydraulic coupling for media on a piece of construction equipment. Said quick change attachment encompasses a quick-release replacement item (30) that is fastened at the equipment end and can be interlocked with an adapter plate (12) which is fixed at the tool end. The quick-release replacement item (30) is provided with a movably driven locking bolt (36) that can be inserted into an associated recess (21) of the adapter plate (12). The inventive quick change attachment further encompasses an actuation device (50, 21, 22) which cooperates with the locking bolt (6) and is used for locking/unlocking the hydraulic coupling in a direction extending perpendicular to the closing direction of the locking bolt (36). One respective coupling valve (1, 3) is disposed on the quick-release replacement item (30) and on the adapter plate (12). When pressed together, the two coupling valves (1, 3) can be brought into the flow-through state by means of a lifting movement of the actuation device (21, 22, 50). According to the invention, the actuation device is formed by the embodiment of the ends (50) of the locking bolt (36) and the corresponding opening (21, 22) of the adapter plate (12).

IPC 8 full level

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