

Title (en)

CONNECTING DEVICE AND CONNECTION CONCEPT FOR A PLUG-IN HANDLE OF A VIBRATION TRAINING DEVICE

Title (de)

VERBUNDUNGSVORRICHTUNG SOWIE VERBINDUNGSKONZEPT FÜR EINEN STECKGRIFF EINES VIBRATIONSTRAININGSGERÄTS

Title (fr)

DISPOSITIF DE LIAISON ET CONCEPT DE LIAISON POUR UNE POIGNÉE À DOUILLE D'UN APPAREIL D'ENTRAÎNEMENT À VIBRATIONS

Publication

EP 3906977 C0 20240327 (DE)

Application

EP 21170674 A 20210427

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Abstract (en)

[origin: CN113599784A] The invention relates to a plug-in connection device and a training platform. The plug-in connection device is provided with a socket and a plug. The socket comprises a concave part, wherein a positioning column is arranged in the bottom surface of the concave part; and a groove which is formed in the inner circumferential surface of the concave part or the outer circumferential surface of the positioning column. The plug comprises a base plate, a hollow body arranged on the base plate and at least one connecting element arranged on the hollow body, and the concave part of the socket is suitable for accommodating the hollow body of the plug. In the plugged state, at least one connecting element of the plug is adapted to engage with a corresponding complementarily formed groove of the socket, and the inner side of the hollow body is adapted to engage with a positioning post of the socket. The plug-in connection device is used, for example, in the training platform having a plate or surface in which one or more sockets are integrated. The training platform includes at least one plug handle having the plug for insertion into the at least one socket. A user can reliably, but still detachably fix the plug-in handle in the socket in different orientations.

IPC 8 full level

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