

Title (en)
GYMFLEXOR TRAINING DEVICE

Title (de)
GYMFLEXTOR-TRAININGSGERÄT

Title (fr)
DISPOSITIF D'ENTRAÎNEMENT UNIVERSEL

Publication
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Application
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Abstract (en)
[origin: WO2006016791A1] The invention relates to sports training devices, gymnastic and body-building machines and can be used for physical exercises for developing and building body muscles along with simultaneous massage, for carrying out sports events and for entertainment. Said invention makes it possible to increase the strength of the training device, the elasticity of the surface thereof and to extend the possibilities for modifying the shape of said training device. The technical result is attainable by means of the structural design of a GYMFLEXTOR multipurpose training device comprising a pressurised toroidal sealed reinforced chamber which is provided with a flush-mounted valve and means for modifying the shape of the chamber. Said toroidal sealed reinforced chamber consists of an internal sealed chamber which is made of an elastic gasproof material and from a multilayer textile reinforcement arranged along a helicoidal line around the internal sealed chamber, wherein the coils of the textile reinforcement of adjacent layers are oppositely oriented and an angle therebetween ranges from 30 to 150° and of an outer sheath made of an elastic cloth or a porous elastic material. An additional ring-shaped textile gasket is placed between the internal sealed chamber and the textile reinforcement on the side of a torus surface and the means for modifying the chamber shape consists of a belt rings and a belt provided with an adjustable buckle.

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