Title (en)

METHOD OF TRAINING A SKELETAL MUSCLE FOR A BIOMECHANICAL HEART AND BIOMECHANICAL HEART USING SAID MUSCLE

Title (de)

TRAININGSMETHODE FÜR EINEN SKELETTMUSKEL ZUR ANWENDUNG IN EINER MECHANISCHEN HERZPUMPE

Title (fr)

PROCEDE D'ENTRAINEMENT D'UN MUSCLE SQUELETTIQUE POUR UN C UR BIOMECANIQUE ET C UR BIOMECANIQUE UTILISANT UN TEL MUSCLE

Publication

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Application

EP 94916281 A 19940513

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Abstract (en)

[origin: WO9426326A1] A method for dynamically training a skeletal muscle (1) to be used for a biomechanical heart involves wrapping the skeletal muscle around a deformable training device (2) which can contract, resistance to contraction being provided, and recover its initial form. The skeletal muscle is stimulated by periodic electrical impulses. In a first stage, the skeletal muscle (1) is stimulated by electrical impulses at a frequency increasing with time, and in a second stage the contraction resistance of the deformable training device (2) is increased progressively, the first and second stages possibly overlapping slightly. A biomechanical heart operated by a skeletal muscle having undergone said dynamic training is also disclosed.

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IPC 8 full level

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