

Title (en)

IMPLANTABLE PUMP AND PROSTHETIC DEVICES

Title (de)

IMPLANTIERBARE PUMPE UND PROTHETISCHE VORRICHTUNGEN

Title (fr)

POMPE IMPLANTABLE ET DISPOSITIFS PROTHETIQUES

Publication

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Application

EP 97918322 A 19970505

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Abstract (en)

[origin: WO9741799A1] Pump apparatus operated by remote energy transfer, for implantation in the body of a subject. The apparatus includes a pump chamber having an inlet and an outlet, and comprising an exterior wall, which defines and contains a volume of a fluid therein. The chamber has a one-way inlet valve at the inlet thereof and a one-way outlet valve at the outlet. A magnetic field-responsive element is coupled to the chamber, such that movement of the element in response to application of a magnetic field thereto causes the volume of fluid in the chamber to change.

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