

Title (en)
PASSIVE JOINT MOVEMENT DEVICE AND METHOD FOR USING THE SAME

Title (de)
PASSIVE GELENKBEWEGUNGSEINRICHTUNG SOWIE VERFAHREN ZUR ANWENDUNG DERSELBEN

Title (fr)
DISPOSITIF DE MOUVEMENT ARTICULAIRE PASSIF ET SON PROCEDE D'UTILISATION

Publication
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Application
EP 97943587 A 19970925

Priority
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• US 2666396 P 19960926

Abstract (en)
[origin: WO9813005A2] A passive movement device for exercising a patient's joint is provided. The device includes a resilient foam section and a casing enclosing the foam section within a sealed chamber. The patient's joint is held in position relative to the sealed chamber by a suitable retainer. A vacuum pump is operatively connected with the sealed chamber to selectively provide application and non-application of a reduced pressure, i.e. below atmospheric, to the sealed chamber. The application of the reduced pressure causes the foam section to collapse thereby exerting a force on the joint which causes the joint to move or bend from a predetermined position. The non-application of the reduced pressure to the sealed chamber causes the foam section to expand thereby exerting a force on the joint which causes the joint to move or bend toward the predetermined position.

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