

Title (en)
SPINAL THERAPEUTIC DEVICE.

Title (de)
WIRBELSÄULENTHERAPIEGERÄT.

Title (fr)
APPAREIL POUR TRAITER LA COLONNE VERTEBRALE.

Publication
EP 0660695 A1 19950705 (DE)

Application
EP 94921578 A 19940719

Priority
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• DE 4324446 A 19930721

Abstract (en)
[origin: WO9503027A1] For the treatment of spinal damage in medical physiotherapy, the patient's spine is stressed via the pelvis by longitudinal forces on the legs in such a way that the setting of displaced spinal components is promoted and the muscles are strengthened. With this device the tensile forces are applied to the feet by spring components (12a, 12b) which are tensioned by means of cables (11a, 11b) from the movements of the pins (10a, 10b) of linear movement components (9a, 9b) driven by an electric motor. The frequency and amplitude of these tensile forces can be changed via a control unit and thus phase shifts between the forces acting on the legs can be adjusted. During the exercises the patient can adjust the exercise programme by actuating controls connected to the supporting grips (19, 19b). The success of the therapy can be improved by fitting heating elements in the brackrest to provide heat treatment for the patient's muscles.

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