

Title (en)
DYNAMIC IMPLANTED VERTEBRAL ORTHESIS

Title (de)
DYNAMISCH IMPLANTIERTE VERTEBRALE ORTHESE

Title (fr)
ORTHESE VERTEBRALE IMPLANTEE DYNAMIQUE

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Application
EP 94922924 A 19940715

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Abstract (en)
[origin: WO9505783A1] The invention relates to a dynamic implanted vertebral orthosis preserving at least partially the natural physiological mobility of vertebrae by effecting and maintaining a correction of the relative position of the vertebrae and/or the efforts exerted on the vertebrae, without osteosynthesis, graft or arthrodesis, and comprising anchoring elements (1, 2, 3) fixed to the vertebrae and holding means (4a, 4b, 21a, 21b, 22a, 22b, 23a, 23b, 24a, 24b) which are associated to the anchoring elements (1, 2, 3) and which maintain the vertebrae with respect to each other in a corrected position, characterized in that the means (4a, 4b, 21a, 21b, 22a, 22b, 23a, 23b, 24a, 24b) have or are comprised of elastic return means exerting elastic return forces whose orientation and intensity are determined in order to maintain the vertebrae in a correct position against natural deformation forces or to reduce the efforts exerted on the vertebrae while preserving their mobility.

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