

Title (en)
IMPLANT HAVING A SANDWICH STRUCTURE, IMPLANT SYSTEM AND IMPLANT SUPPORT

Title (de)
IMPLANTAT MIT EINER SANDWICH-STRUKTUR, IMPLANTATSYSTEM UND AUFNAHMETRÄGER

Title (fr)
IMPLANT À STRUCTURE SANDWICH, SYSTÈME D'IMPLANT ET SUPPORT DE RÉCEPTION

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Abstract (en)
[origin: WO2011120506A2] The treatment of painful intervertebral disc diseases attempts to counteract degeneration. On the one hand artificial nucleus pulposus prostheses are being developed, and on the other hand regenerative therapy methods using biomaterials in the intervertebral disc are being pursued. In both cases, massive herniation of said materials may occur as a result of existing annulus defects or annulus defects which have been enlarged because of surgical access. In light of this, the reliable closure and the regeneration of the annulus fibrosus are an important prerequisite and further development for treating herniated intervertebral discs and degenerative herniated intervertebral discs. According to the invention, an implant having a sandwich structure is used, wherein a reinforcing structure is arranged between a two-layer non-woven and the non-woven comprises in particular a biocompatible material.

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