

Title (en)
MULTI-COMPOSITE DISC PROSTHESIS

Title (de)
MULTI-VERBUND-BANDSCHEIBENPROTHESE

Title (fr)
PROTHESE DE DISQUE MULTI-COMPOSITE

Publication
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Application
EP 06774673 A 20060719

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Abstract (en)
[origin: CN101267783A] The invention provides a multi-element composite intervertebral disc prosthesis which is suitable for implanting to a cleaned intervertebral discs vertebral pulp ring. The intervertebral disc prosthesis includes a whole type body with solid structure substantially, size and shape are suitable for being disposed in the cleaned intervertebral discs vertebral pulp ring. The body includes an exterior part composed of a first biological material and an inner part composed of a second biological material. Compression modulus of the second biological material is harder than the first material, the first biological material and second biological material are combined with chemical or physical method to form the multi-element composite material so as to form the solid body.

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