

Title (en)
INTERVERTEBRAL DISK PROSTHESIS

Title (de)
BANDSCHEIBENPROTHESE

Title (fr)
PROTHESE DE DISQUE INTERVERTEBRAL

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Application
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Abstract (en)
[origin: WO03002040A1] The invention relates to an intervertebral disk prosthesis or a nucleus replacement prosthesis, comprising an at least partially flexible jacket (3, 4, 5) that encloses a cavity (2) having a variable shape. The jacket (3, 4, 5) is at least partially configured as a semipermeable membrane (3) for a solvent so that a solution of a substance contained in the cavity (2) can adapt its concentration and its volume to the external load conditions according to the principle of reverse osmosis.

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