

Title (en)

Cardiac and vascular prostheses and methods of making the same.

Title (de)

Herz- und Gefäß-Prothesen und Verfahren zu deren Herstellung.

Title (fr)

Prothèses cardiaques et vasculaires et procédé pour leur fabrication.

Publication

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Application

EP 78100752 A 19780825

Priority

US 82795277 A 19770826

Abstract (en)

Cardiac and vascular prostheses and methods of making the same. The prostheses are suitable for implantation in a bloody environment. The prosthesis includes a surface material adapted for exhibiting a regular and periodic surface charge characteristic in the bloody environment (See Fig. 1A: scanning electron micrographs of an albumin Dacron hybrid graft). A prosthesis means supports the surface material and is adapted to perform a prosthetic function in the bloody environment. In cases where cross-linking is desired and the surface material cannot cross-link with the substrate material, an adaptive material is provided which cross-links both to the surface material and to the material of the prosthesis.

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