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(54) Title (EN): PROSTHETIC HEART VALVE COMPOSED OF COMPOSITE FIBERS

(54) Title (FR): VALVE CARDIAQUE PROTHÉTIQUE COMPOSÉE DE FIBRES COMPOSITES

(57) Abstract:

(EN): A prosthetic heart leaflet includes a fiber-reinforced structure including a plurality of composite fibers. Each composite fiber includes a core fiber and a sheathing fiber disposed about the core fiber, wherein the core fiber or the sheathing fiber has a curvilinear shape.

(FR): L'invention concerne une valvule cardiaque prothétique comprenant une structure renforcée par fibres comportant une pluralité de fibres composites. Chaque fibre composite comprend une fibre centrale et une fibre de gainage disposée autour de la fibre centrale, la fibre centrale ou la fibre de gainage présentant une forme curviligne.

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Declarations:

Declaration made as applicant's entitlement, as at the international filing date, to apply for and be granted a patent (Rules 4.17(ii) and 51bis.1(a)(ii)), in a case where the declaration under Rule 4.17(iv) is not appropriate

Declaration made as applicant's entitlement, as at the international filing date, to claim the priority of the earlier application, where the applicant is not the applicant who filed the earlier application or where the applicant's name has changed since the filing of the earlier application (Rules 4.17(iii) and 51bis.1(a)(iii))