

Title (en)
CRUCIATE LIGAMENT PROSTHESIS

Title (de)
KREUZBANDPROTHESE

Title (fr)
PROTHESE DE LIGAMENT CROISE

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Application
EP 95915247 A 19950412

Priority
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Abstract (en)
[origin: WO9527449A1] A bone-fixator is provided for affixing a prosthesis tensile element comprising a fibrous material to a bone, comprising a fixator element capable of being anchored in a bone and an interface for attachment of the tensile element characterised in that the interface has a tensile element engaging element comprising a solid body capable of being gripped by the fixator element such that the fibrous material is trapped between the body and fixator element. Preferably the fixator element and solid body interact such that the fibrous material is uniformly distributed around the solid body. Preferably the fibrous material comprises a sheath into which the solid body locates in use. A ligament prosthesis tensile element is also provided comprising a prestressed hydrogel material and a non-degradable fibrous material; the fibrous material being provided in at least one of the ends of the tensile element and the hydrogel being formed as a rod which expands to prevent the fibrous material from collapsing toward the element longitudinal axis under physiological load.

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