

Implant Comprising a Non-woven Fabric

Abstract

The invention relates to a membrane implant for the treatment of vascular malformations, said implant being implantable by endovascular methods into the vessel to be treated, wherein the membrane implant consists of an expandable
5 stent (4) and a membrane (3, 5, 11, 2) connected with the stent (4), with said membrane (3, 5, 11, 4) covering the meshes of the stent (4) at least in a central region, wherein said membrane (2, 3, 5, 11) is provided in the form of a non-woven fabric comprising plastic fibrils, and the membrane (2, 3, 5, 11) forms an
10 integral bond with the stent (4) and, at least partially, is of porous design.

Figure 4