A contribution to solving the aforementioned objects is made by a component, comprising a composite of at least two layers that are connected to each other, whereby

a. the first layer comprises at least one hole;

b. the second layer comprises a thickness in the range of 1 to 50 µm; and

whereby the first layer and the second layer each comprise at least one metal and

whereby the composition of the first layer differs from the composition of the second layer.

A contribution to solving the aforementioned objects is made by a method for producing an implantable component comprising a composite made of at least two layers that are connected to each other,

whereby the second layer comprises a thickness in the range of 1 to 50 µm;

whereby the first layer and the second layer each comprise at least one metal;

whereby the composition of the first layer differs from the composition of the second layer;

whereby the first layer and the second layer form a membrane for measuring a pressure difference;

comprising at least the following process steps:

i. providing, superimposing, and connecting the first layer and a second layer while forming a composite, whereby the connecting of the first layer and second layer to form a composite is effected through cold welding or cladding;

ii. applying a coating SL onto a part of the first layer;

iii. contacting parts of the first layer not provided with the coating to a liquid CA;

Claims

1. A method for producing an implantable component comprising a composite made of at least two layers that are connected to each other,
   whereby the second layer comprises a thickness in the range of 1 to 50 µm;
   whereby the first layer and the second layer each comprise at least one metal;
   whereby the composition of the first layer differs from the composition of the second layer;
   whereby the first layer and the second layer form a membrane for measuring a pressure difference;
   comprising at least the following process steps:
   i. providing, superimposing, and connecting the first layer and a second layer while forming a composite, whereby the connecting of the first layer and second layer to form a composite is effected through cold welding or cladding;
   ii. applying a coating SL onto a part of the first layer;
   iii. contacting parts of the first layer not provided with the coating to a liquid CA;
   whereby the contacting causes at least a part of the first layer to be removed and at least one hole to be formed in the first layer;
   whereby the component is being obtained.

2. Method for producing a component according to claim 1, whereby at least a part of the first layer is removed by mechanical or electrical processing after step i. and before step ii.

3. Method for producing a component according to any one of the claims 1 or 2, whereby the coating SL is resistant to the liquid CA, at least during step iii.