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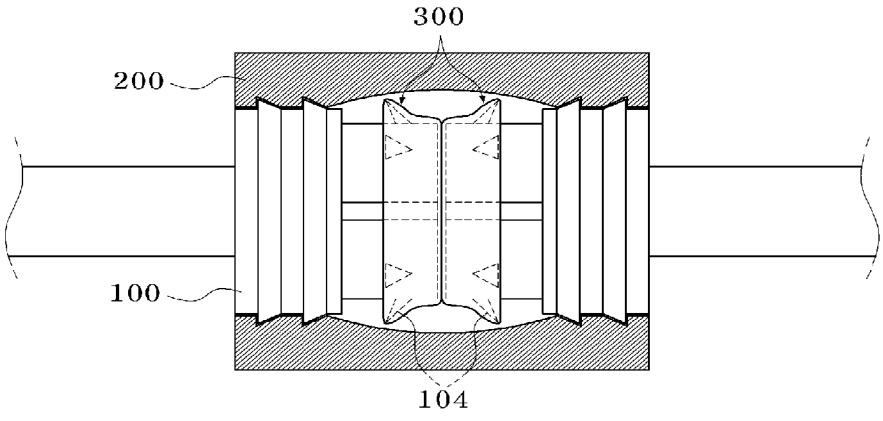
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(54) Title: ABSORBABLE VASCULAR ANASTOMOTIC SYSTEM

[Fig. 8]




(57) Abstract: Provided is an absorbable vascular anastomotic system including an insertion tube of which a front end has a plurality of hooks protruding outward and a rear end has ring-shaped protrusions, and an interlocking tube having grooves corresponding to the protrusions of the insertion tube such that two insertion tubes are inserted into the interlocking tube at both ends of the interlocking tube to be fixed. The insertion tube and the interlocking tube are formed of a material which is absorbed into a living body, and when two insertion tubes into which two blood vessels are respectively inserted to be fixed to the hooks are inserted into the interlocking tube at both ends of the interlocking tube, inner walls of both the blood vessels come into contact with each other in the center of the interlocking tube to be anastomosed. Since the absorbable vascular anastomotic system does not require an additional anastomotic device, it is possible to perform the anastomosis even in a narrow space. Further, since the absorbable vascular anastomotic system is completely absorbed into a living body, it is possible to avoid a risk of foreign body reaction. After the absorbable vascular anastomotic system is completely absorbed, the anastomosed vessels recover their own elasticity.

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