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(54) Title: TEMPORARY EMBOLIC PROTECTION DEVICE AND MEDICAL PROCEDURE FOR DELIVERY THEREOF

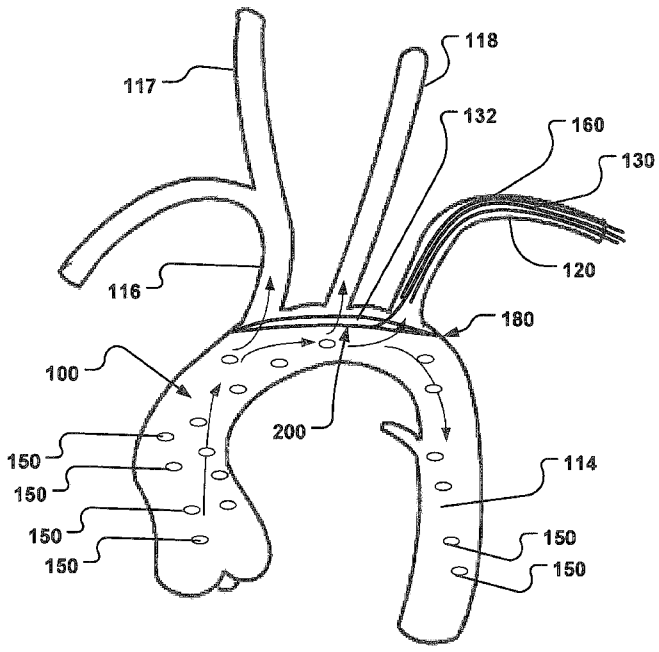


Fig. 3

(57) Abstract: An embolic protection device (200) and medical procedure for positioning the device in the aortic arch (100) is disclosed. The device and method effectively prevent material (150) from entering with blood flow into side branch vessels (116, 118, 120) of the aortic arch. The device is a collapsible embolic protection device devised for temporary transvascular delivery to an aortic arch of a patient, wherein the device has a protection unit that comprises a selectively permeable unit adapted to prevent embolic material from passage with a blood flow into a plurality of aortic side branch vessels at the aortic arch. The protection unit is permanently attached to a transvascular delivery unit (130) at a connection point provided at the selectively permeable unit, and a first support member for the protection unit that is at least partly arranged at a periphery of the selectively permeable unit. In an expanded state of the device, the connection point is enclosed by the first support member or arranged at said support member.

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