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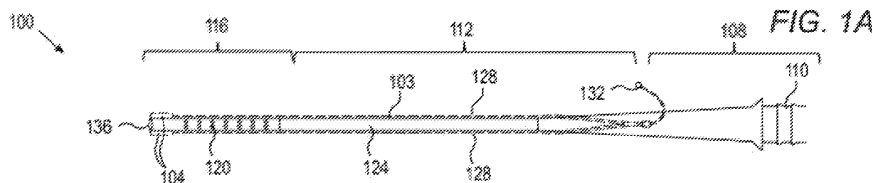
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(54) Title: VENOUS CANNULAS WITH INFLATABLE BALLOONS



(57) Abstract: The present disclosure provides a cannula comprising: a first tube having a first distal end for placement in a first vein of a patient, a first central lumen extending longitudinally along the first tube, at least one first hole positioned on the first distal end, the at least one hole fluidly connected to the first central lumen, at least one first peripheral lumen extending longitudinally along the first tube, and at least one first inflatable balloon connected to the first tube, each of the at least one first inflatable balloon fluidly connected to one of the at least one first peripheral lumen. The cannula may further comprise a branch cannula. The present disclosure further provides a cannula for placement within a first vein, an atrium and a second vein of a patient. In the preferred embodiment, the cannula is placed within the superior vena cava, atrium and inferior vena cava.



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