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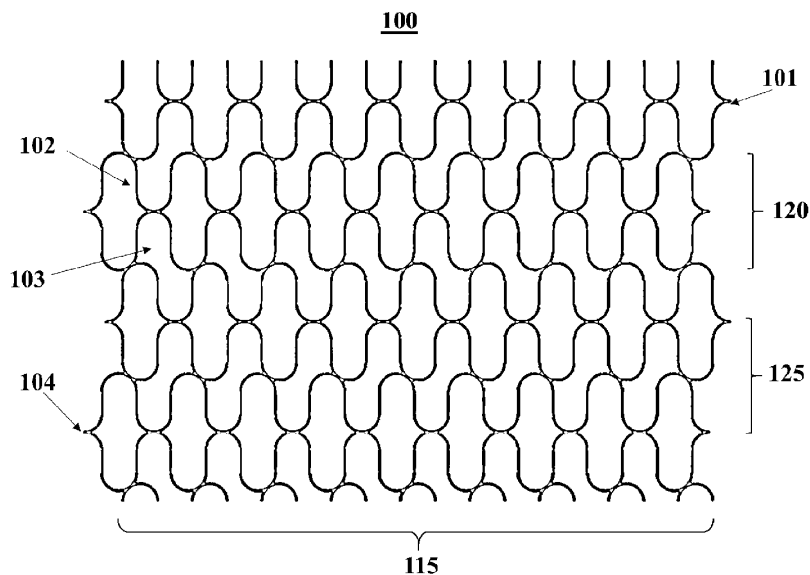


FIG. 1

(57) Abstract: A stent (100) having a substantially tubular body is disclosed. In at least one embodiment, the stent (100) provides a scaffold having a plurality of interconnected struts (110) forming a plurality of radial axial rows (120) of radial support cells (102) and a plurality of flexible axial rows (125) of flexible support cells (104). The plurality of radial axial rows (120) and flexible axial rows (125) are disposed in an alternating pattern along a circumferential axis of the stent (100). A center axis of each radial axial row (120) and flexible axial row (125) is parallel to a longitudinal axis of the stent (100). Each radial axial row (120) is arranged so as to be offset along the longitudinal axis of the stent (100) from each adjacent radial axial row (120). Each radial support cell (102) is formed from four of the interconnected struts (110) of the scaffold which are arranged so as to be symmetrical along both the longitudinal axis and the circumferential axis of the stent (100).

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