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- (54) Title: CONSTRAINING STRUCTURE WITH NON-LINEAR AXIAL STRUTS

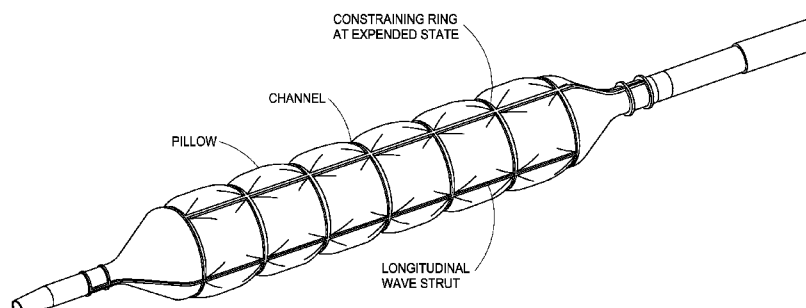


FIG. 2

- (57) Abstract: A constraining structure for use with a balloon catheter can include multiple longitudinal struts and multiple, sinusoidal shaped radial rings. The constraining structure can expand to form a pattern of channels including substantially square windows. The constraining structure can modify, restrict, and control a shape and/or size of the balloon when inflated. Inflating the balloon catheter within the constraining structure can provide nonuniform pressure on a vessel wall adjacent the balloon.

