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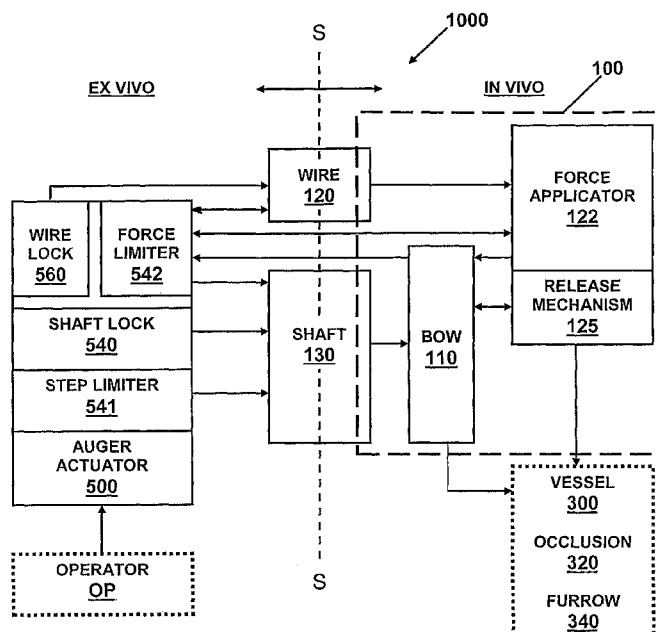
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(54) Title: BLOOD VESSEL OCCLUSION AUGER



(57) Abstract: A blood occlusion auger (1000) having an in vivo distal auger tool (100) coupled in operative association with an ex vivo auger control (500) for opening and traversing occlusions in a blood vessel (300). The auger control allows the selection of predetermined threshold forces and step-lengths values and operates in successive repetition of identical sequential stages, to traverse occlusions (320). Once disposed adjacent an occlusion, the auger tool, commanded by the auger control, operates in two states, first to radially dilate the vessel and second to penetrate distally into a furrow (340).

WO 2005/120628 A2