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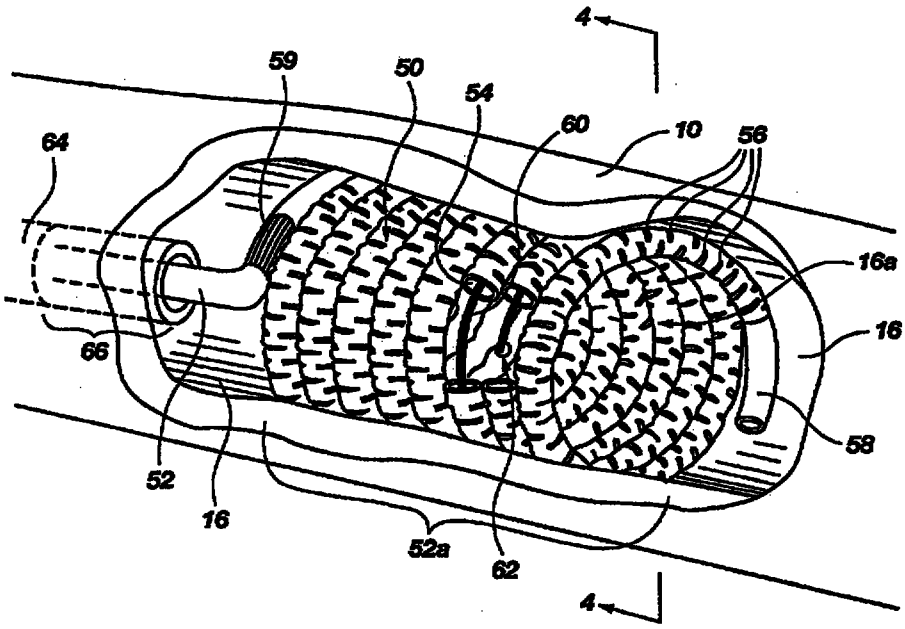
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(57) Abstract

A device, and method for irradiating with a desired radioactive emission the interior walls of blood vessels, body cavities or the like. The device (50) includes a catheter (52) for placement in the blood vessels, body cavities or the like, adapted for disposition adjacent the walls thereof. The distal end (52a) of the catheter (52) is preferably configured to expand into a helical coil shape when unconstrained, but may be straightened within a second catheter (64).