Title (en)

CRYO-BALLOON WITH DIRECTIONAL GAS CONTROL

Title (de)

KRYO-BALLON MIT RICHTUNGSABHÄNGIGER GASSTEUERUNG

Title (fr)

CRYO-BALLONNET COMPRENANT UNE COMMANDE DIRECTIONNELLE DE GAZ

Publication

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Application

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Priority

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Abstract (en)

[origin: WO2020096630A1] Embodiments of the present invention provide a medical probe that includes an insertion tube, an inflatable balloon, and injection tube and a directional control tube. The insertion tube has a distal end configured for insertion into a body cavity and contains a lumen that opens through the distal end. The inflatable balloon is deployable through the lumen into the body cavity. The injection tube extends from the lumen into the balloon and includes a plurality of apertures, which are distributed radially around the injection tube and open into the balloon, and which are configured for delivery of a refrigerant from the injection tube into the balloon. The directional control tube surrounds and is rotatable around the injection tube and includes a semi-tubular section that is configured to cover one or more of the apertures, thereby blocking exit of the refrigerant through the one or more of the apertures.

IPC 8 full level

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