

Title (en)

VASCULAR GUIDEWIRE CONTROL APPARATUS

Title (de)

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Title (fr)

APPAREIL DE COMMANDE DE FIL DE GUIDAGE VASCULAIRE

Publication

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Application

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Abstract (en)

[origin: WO2007082216A1] A controller for use with a guidewire, such as a vascular guidewire, provides a mechanism for gripping and applying a torque to the guidewire without the need to thread the guidewire axially through the controller and at a location close to a point of access of the guidewire. In one embodiment, the controller includes a side-access, multi-part assembly including a collet or other gripping element that applies a uniform radially inward force on the guidewire. In another embodiment, for use with guidewires having active electrically controllable elements, the controller integrally or removably incorporates a switch or other mechanism to initiate an energized state. The controller thereby permits ergonomic, single-handed control of an electronically steerable guidewire, including axially displacing, torquing and steering the guidewire.

IPC 8 full level

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Citation (search report)

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- [AY] WO 2005094935 A1 20051013 - WINDCREST LLC [US], et al
- [X] US 2004215108 A1 20041028 - WINDHEUSER JAMES E [US]
- See references of WO 2007082216A1

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