

Title (en)
THROMBECTOMY CATHETERS AND OTHER ASPIRATION CATHETERS

Title (de)
THROMBEKTOMIE-KATHETER UND ANDERE ASPIRATIONSKATHETER

Title (fr)
SONDE POUR THROMBECTOMIE ET AUTRES SONDES D'ASPIRATION

Publication
EP 1940500 A4 20101229 (EN)

Application
EP 06813517 A 20060817

Priority

- US 2006032189 W 20060817
- US 20668005 A 20050818
- US 20716905 A 20050818
- US 40914706 A 20060421

Abstract (en)
[origin: WO2007022383A2] Aspiration catheters are presented that have curved tip portions, which can be used as thrombectomy catheters. A suction lumen extends from at or near the proximal end of the catheter to a suction port at or near the tip portion of the catheter. The curves of the thrombectomy catheter can be selected to place a suction port at or near a vessel wall for the more effective removal of thrombus resulting from directing the suction in the direction of the thrombus. In some embodiments, the tip portion of the catheter can be transitioned from a first configuration for delivery of the catheter into the vessel to a second more curved configuration with a desired design for application of suction. The catheter can be moved in a circumferential and/or lateral direction to cover selected portions of the inner vessel wall. In some embodiments, a partially occlusive structure can be used to reduce and/or redirect flow within the vessel to improve performance of the thrombectomy.

IPC 8 full level
A61M 31/00 (2006.01)

CPC (source: EP)
A61M 25/0041 (2013.01); **A61M 25/0068** (2013.01); **A61M 25/008** (2013.01); **A61M 25/01** (2013.01); **A61M 25/0029** (2013.01); **A61M 25/003** (2013.01); **A61M 25/0032** (2013.01); **A61M 25/005** (2013.01); **A61M 25/0052** (2013.01); **A61M 25/0054** (2013.01); **A61M 25/0074** (2013.01); **A61M 25/10** (2013.01); **A61M 2025/0034** (2013.01); **A61M 2025/0183** (2013.01); **A61M 2025/1052** (2013.01); **A61M 2025/1056** (2013.01)

Citation (search report)

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- See references of WO 2007022383A2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
WO 2007022383 A2 20070222; WO 2007022383 A3 20090423; EP 1940500 A2 20080709; EP 1940500 A4 20101229; JP 2009504343 A 20090205

DOCDB simple family (application)
US 2006032189 W 20060817; EP 06813517 A 20060817; JP 2008527147 A 20060817